

Introduction to Computing – CS101

1. The **loop** control structure iterates a set of instructions based on the provided condition.
2. One example of an **agile method** is **extreme programming (XP)**.
3. **Factory Pattern** is based on real time factory concept
4. the result of **each intermediate step** in the entire development process should be “tested” for accuracy
5. Which of the following data type will be used for a variable having string of symbols and alphabets. **Character**
6. Which of the following language is related to functional paradigm. **LISP**
7. **SLDC = SOFTWARE DEVELOPMENT LIFE CYCLE**
8. software engineering IS AN engineering discipline that is concerned with **all aspects of software production**
9. an object is actually a special case of the more general concept of a **component**
10. The major steps in the traditional **software development life cycle** are **requirements analysis, design, implementation, and testing**.
11. **Design** stages is about developing a solution to the problem.
12. **Which** is contrast to the **imperative paradigm** is the **declarative paradigm**.
13. **black-box testing**, which refers to tests that do not rely on knowledge of the software’s interior composition . 233
14. How many choices are possible when using a single If-else statement? **2**
15. **Mathematicians** refer to functional paradigm.
16. Each programming language tends to approach the parallel processing paradigm from its own point of view, resulting in different terminology.in Ada we use term **Task** for this purpose
17. The **imperative paradigm**, also known as the **procedural paradigm**, represents the **traditional approach** to the programming process.
18. While **copyrights** and software license agreements provide legal avenues to inhibit outright copying and unauthorized use of software,
19. **control coupling**, which occurs when a module passes control of execution to another, as in a function call
20. The Select Operation extracts **rows** from a relation.
21. The PROJECT operation extracts **columns** from a relation.
22. An **array** is a “**rectangular**” block of data whose entries are of the same type.
23. The problem known as the **incorrect summary problem** can arise if one transaction is in the middle of transferring funds from one account to another when another transaction tries to compute the **total deposits in the bank**.
24. A **subschema** is a description of only that portion of the database pertinent to a particular user’s needs.
25. **Declarative Paradigms** system is designed for **general-purpose**.
26. How do you initialize an array in C. **int arr[3]={1,2,3}**
27. We use **information hiding** to reduce unnecessary dependencies or effects on other modules.
28. A process which is used by the software industry to design, develop and test high quality software is known as **software life cycle**.

29. Stakeholders can be a **government agency**,
30. **ergonomics**, which deals with designing systems that harmonize with the physical abilities of humans.
31. **which** of the following symbol is used as assignment operator in Ada. **:=**
32. **implementation** stage that distinct between the tasks of a **software analyst** (sometimes referred to as a system analyst) and a **programmer**.
33. Database management system = **(DBMS)**.
34. The node at the top is called the **root** node.
35. The links between **objects** in an object-oriented database are normally maintained by the DBMS,
36. In modern computer applications .problems or more easily solved in the context of **parallel processing** 2 traditional contact three traditional processing 4r technology
37. In which of the following paradigms a program is constructed by connecting smaller predefined program units . **functional paradigms**
38. In particular the chart that indicates the entire game is overseen by a function named **controlgame**
39. Which one of the following is the traditional approach of programming process. **imperative paradigm**
40. Which from the following is not a relational operator
- = = > = != % =**
41. the sign of modulus is **%**
42. A significant example of iterative techniques is : **Rational Unified Process**
43. The provides a standardized way of implementing success system that leads to a manageable solution . **decorator pattern**
44. In object-oriented paradigm each object will have its own collection of functions which is known as **methods**
45. Writing programs in a machine language is a tedious task that often leads to errors that must be located and corrected. **debugging** .
46. Correct syntax is **if (condition) Statement A Else Statement B**
47. is exemplified by two transactions each of which makes a deduction from the same account **lost update problem**
48. In If two modules interact with the same item of data then modifications made to one module may affect the other . **data coupling**
49. The term **database** refers to a collection of data that is multidimensional in the sense that internal links between its entries make the information accessible from a variety of perspectives.
50. A paradigm works on object called **object oriented paradigm**

51. in the case of highly standardized languages, compiler designers often provide features, sometimes called machine language . **language extensions**

52.The syntax for using && is. **cmd1 && cmd2**

53. The set of instructions in a computer language to get the desired results is known as **program**

54. This description of the object's properties is called **a class**.

55. A software license is a **legal agreement** between the owner and user of a software product that grants the user certain permissions to use the product without transferring ownership rights to the intellectual property.

56. software development companies are establishing **software quality assurance (SQA)** groups, which are charged with overseeing and enforcing the quality control systems adopted by the organization.

57 . A **tree** is a collection whose entries have a hierarchical organization similar to that of an organization chart of a typical company.

58. In the case of **large databases** that are subject to heavy transaction loads, it is highly likely that a random snapshot will find the database in the middle of some transaction.

59 From a lay- person's perspective, requirements analysis is often equated with **what**.

60. This **conceptual** view of the database is called a database model.

61.which one is a Unary operator. **NOT OPERATOR**

62. Float CGPA=3.5;

if (CGPA>=3.0)

Cout<<"Give Scholarship";

Else

Cout<<"Sorry you donot qualify for the scholarship";

It will show. **Give scholarship**

63. Int i=1;

While(i<=5)

{

Cout<<i;

I=i+1;

}

How many times loop will execute? **5**

64. Float CGPA=2.5;

if (CGPA>=3.0)

Cout<<"Give Scholarship";

Else

Cout<<"Sorry you donot qualify for the scholarship";

It will show.

Sorry you donot qualify for the scholarship

65 The language understood by a computer without translation is known as : **Machine Language**

66. What is the output of the following code?

```
int sum = 14;
```

```
if (sum < 20)
```

```
cout<<"Under";
```

```
if (sum > 20)
    cout<<"Over";
```

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Under

67. Float CGPA=3.5;

If (CGPA>= 3.0)

Count <<"give scholarship";

Else

Count<<"sorry you don't qualify for scholarship";

It will show. **Give scholarship**

68. How many relational operators are offered by C++? **6**

69. The term cohesion refers to this.... **Functional cohesion**

70. Which of the following symbol is used at the end of the line to separate statement in many imperative languages..... **;**

71. A mnemonic system for representing programs is collectively called an numbers.... **Assembly language**

72.A model which represents the shift away from strict adherence to the waterfall model is...**iterative model**

73.The description of the objectives properties is called... **Class**

74.refers to data items that can take on only the values true or false **Boolean**

Assignment statement is.... =

75. The simplest form of array is thearray. **One-dimensional**

76. DBMS stands for.... **Database management system**

77. Declarative paradigms system is designed for. **General purpose**

78. The beginning of the list is called the... of the list. **Head**

79. The retrieve the information about an employee, we must select the Appropriate identification attributes value from the EMPLOYEE relation.

Tuple

80. Which is Boolean operator for logical AND. **&&**

81. The term programming paradigm is a misnomer. A more realistic term would be Non-procedural paradigm. **Software development paradigm**

82. What will be the output of the following statements? Int a=3.5+4.4; **7.9**

83. What will be the output of the following statements? Int a=10+4.867; **14.867**

84. Which of the following might be used to convert high level language instructions into machine language? **An interpreter**

85. Today database technology combines with ... technology. **Data mining**

86. Third generation language attributes refers to **for all machine**

87. In object oriented paradigm, each object will have its own collection of functions which is known as: **Methods**

88. Modules come in a variety of.... **forms**

89... Is used to combine different relations into one relation. **Join**

90. There we found that a register called a..... Is used to hold the address of the next instruction to be executed.

Program counter

91. Which one of the following is traditional approach of programming process... imperative paradigm

92. The term cohesion refers to this.... internal binding

93. Distinction between software engineering and other engineering disciplines is the lack of quantitative techniques called... **metrics**

94. Which one is not a valid data type.... **HTML**

95. The point at which all the steps in a transaction have been recorded in the log is called the... **commit point**

96. A...is a pre-developed model for solving a recurring problem in software design. **Design pattern**

97. Software developed companies are...groups which are charged with overseeing and enforcing the quality control systems adopted by the organization. **SQA**

98. The sign of modules is... % [Download More Files from VUAnswer.com](#)

99 Which of the following technique is used in software test that examines the functionality of an application without peering into its internal Structures or workings... **black box testing**

100.The system interface should be designed for the...**convenience of human**

101. Which of the following is contrast of the declarative paradigm.... **Imperative paradigm**

117. Modules come in the variety of....**forms**

118. Which of the following is not the reason due to which a software is moved to maintenance stage... **Repair process**

119. The term cohesion refers to this... **internal binding**

120. Sophisticated package design primarily for the software engineering environment know as... **Ides**

121. How many choices are possible when using a single if else statement... **2**

122. For the best software model suitable for the project in which of the phase the developers decide a roadmap for project plain...**software design**

123. Inif two modules interact with the same item of data, then modification made to one module may affect the other module? **Data coupling**

124. The purpose of....is to explain the future of the software and describe how to use it? **User documentation**

125. While....the software agreements provide legal avenue to inhabit outcome copying and unauthorized use of software...**copyrights**

125. The people know as the ...can arise if one transaction is in the middle of transferring funds from one account to another when another transaction tries to compute the total deposits in bank.,..

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126. Stages that distention between the task of the software analyst or programmer...**implementation**

127. The begging of the list is called the...of the list? **Head**

128. The set of instructions in computer language, to get the desired result is known as... **A program**

129. Which of the following statements is used for output in C++..... **cout<<**

130. The node at the top is called the....node? **Root**

131. The select operation extracts... from a relation. **Rows**

132. What is the output of the following code?

```
Int sum=7;
```

```
If (sum>=30)
```

```
Cout<<"you win";
```

```
If (sum<=20)
```

```
Cout<<"you lose";
```

```
Cout<<"the prize";
```

You lose the prize

133. The purpose of system... is to describe the software internal composition so that the software can be maintained in its life cycle? **System documentation**

134. Which of the following language is related to object oriented paradigm... **Smalltalk**

135. In the 1940 research simplified the programming process by developing notational system by which instructions could be represented in.... **mnemonic**
136. The end of the list is called the....of the list? **Tail**
137. The conceptual shape or arrangements of data is known as..... **data structure**
138. In the case of the incremental model these prototypes involve into the complete final system a process known as. ... **Evolutionary prototypes**
139. The term programming paradigm is a misnomer. A more realistic term would be Non-procedural paradigm.....**software development paradigm**
139. An analogy to the fact that the development process was allowed to flow in only one direction called... **waterfall model**
140. Each programming language trend to approach the parallel processing paradigm and have different terminology. In ada we use term for this purpose.....**task**
141. The result of.....step in the entire development process should be tested for accuracy....**each intermediate step**
142. Extreme programming is an example of... **agile method**
143. Aalters the execution sequence of the program.... **Control statement**
144. Theview of the database is called a database model? **Conceptual**
145. A software license is a..... between the owner and the user of a software product that grant the user certain permission to use the product without transferring ownership right to the intellectual property? **Legal agreements**
146. Which one is a unary operator? **Not**
147. If the result after comparison two variables in relational operator is false. Then if statement return values? **0**
148. A process which is used by the software industry to design, develop and test high quality software is known as: **software life cycle**
149. The imperative paradigm also known as the particular machine... **procedural paradigm**
150. Which software testing methodology is to develop the test of set data that insures that each instruction in the software is executed at least once? **Basis path testing**
151. Third generation attribute refers to.....**for all machine**
152. In object oriented paradigm each object will have its own collection of functions which know as:. **Methods**
153. Modules come in a variety of.... **Forms**

154.is used to combine different relation into one relation: **join**
155. There we found that a register called a...is used to hold the address of the next instruction to be executed: **program counter**
155. The point at which all the steps in a transaction have been recorded in the log is called the .. **commit point**
156. An object is actually a special case of the more general concept of the ...**component**
157.refers to data item that take on only the values true or false... **Boolean**
158. Theprovides the standardized way of implementation such system that lead to a manageable solution.... **Decorator pattern**
159. What will be the output of the following code?

```
Int main()  
{  
  Int x=9;  
  While(x>0)  
    X= x-1;
```

8

160. One operation we might want to perform on relation is to select....possessing certain characteristics and to place these selected....in a new version. **Tuple, Tuple**
161. Ais a storage area that contain such an encoded address. **Pointer**
162. We use...to reduce unnecessary dependencies or effect on other module. **Information hiding**
163. A significant example of iterative technique is.... **Rational unified process**
164. Which of the following data type will be used for a variable having strings of symbols and alphabet... **character**
165. The select operation extracts... from a relation. **Rows**

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35. Which of the following data type will be used for a variable having strings of symbols and alphabet: **character**
36.gives the inverter certain right to forbid other from selling making using and importing his or her inventions from a limited period of time: **patent**

37. Writing programs in a machine language is a tedious task that often leads to errors that must be located and corrected: debugging

38. The syntax for using && is: cmd1&&cmd2

39. Which of the following model is correct for incremental model: 1

st increment is the simplified

version. I think not confirm

40. In C++ symbolic representation of assignment operator is: =

41. In modern computers application problems are more solved in the context of: parallel processing

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42. 5%2 would give:. 1

43. ... Is aimed to give detail explanation about the use and features of the software: user documentation

44. How many choices are possible when using a single if else statement? 2

45. A... alters the execution of the program: control statement

46. The statement $z = x + y$ shows: the sum if X and Y be assigned to the variable Z

47. What will be the output of the following statements? $\text{Int } a = 10 + 4.867$; 14

48. ... Is not an object oriented programming language: HTML

49. A process which is used by the software industry to design develop and test high quality software is known as: software life cycle

50. The imperative paradigm also known as the particular machine: traditional paradigm

51. Which of the following language is related to functional paradigm:. LISP

52. Which of the following technique is used in software testing that examines the functionality of an application without peering into its internal Structures or workings: black box testing

53. A paradigm works on object called: object oriented paradigm

54. The conceptual shape or arrangements of data know as: data structure

55. In case of an incremental model these prototypes involve into the complete final system a process known as: agile method

56. Software engineering is an engineering discipline that is concerned with: all aspects of software production

57. Which intermodal Coupling accrue when a module passes control of execution to another as in a functional call? Control coupling

58. Which of the following might be used to convert high level language instructions into machine language: an interpreter

59. A stronger form of cohesion is also called as...cohesion:. Functional

60. Distinction between software engineering and other engineering discipline is the lack of quantitative technique called: matrices

61. Control structure which iterates a set of instructions based on the provided condition is called a: loop

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