

Computer Science - 10th Class Computer Science English Medium Chapter 3 Preparation

Q1. Define Selection Statement ?

Ans 1:

The statements which help us to decide which statements should be executed next, on the basis of conditions, are called selection statements. Two types of selection statements are:

- 1: If statement.
- 2: If-else statement.

Q2. Where we need { } block when we use if statements.

Ans 1: If we want to associate more than one statements to an if statement, then they need to be enclosed inside a { } block, but if we want to associate only one statement, then although it may be enclosed inside { } block, but it is not mandatory.

Q3. What is Condition ?

Ans 1:

A condition could be any valid expression including arithmetic expression, relational expression, logical expressions, or a combination of these.

Q4. Define if statements with syntax.

Ans 1: If statement is used to specify a condition, and associated a code to it. The code gets executed if the specified condition turns out to be true. otherwise the code does not get executed.

Q5. What is Sequential Control ?

Ans 1: In Sequential Control, all the statements are executed in the given sequence. Sequential control is the default control structure in C language.

Q6. Where we need { } block when we use if statement ?

Ans 1: If we want to associate more than one statements to an if statement, then they need to be enclosed inside a { } block, but if we want to associate only one statement, then although it may be enclosed inside { } block, but it is not mandatory.

Q7. What is repetition control statements.

Ans 1: Repetition control statements are used to repeat a number of statements up to a specified number of times or until a specified condition fulfilled. There are three types of loops which are used in C program.

Ans 2: 1- For loop 2- While loop 3- do while loop

Q8. Define of if-else statements with syntax.

Ans 1: The if-else statement is used in situation where some code is to be executed if a condition is true and some other code is to be executed if the condition is false.

Ans 2: Syntax. if (condition)

Associated code

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Associated code/

Q9. What is if-else-if statements.

Ans 1: The if-else-if is a type of conditional statements that combines more than two conditions it allows the programmer to make a decision based on several conditions.

Q10. What is sequential control Statements.

Ans 1: In sequential control, all the statements are executed in the given sequence. Sequential control is the default control structure in C language.
