

# Computer Science - 10th Class Computer Science English Medium Short Question Preparations

Q1. What is nested if or nested selection structure.

**Ans 1:** Selection statements within selection statements are called nested selection strucutre. The use of an "if" statements in used with in another "if" statement is called nested if statements. Nested if is used when we want to execute a statements or set of statements after checking more than one condition.

## Q2. What is assignment operator?

#### Ans 1:

Assignment operator is used to assign a value to a variable, or assign a value of variable to another variable.

Equal sign (=) is used assignment operator in C.

Example: int num = 100;

Q3. Which is a good problem solving approach.

Ans 1: A good problem solving approach is to divide the problem into multiple smaller parts of sub problems.

Q4. Which format specifiers is used for floating-point?

**Ans 1:** The format specifier %f is used to read and print floating-point numbers in decimal notation with a precision of 6 digits after decimal point.

Q5. What is Iteration.

**Ans 1:** Each run of a loop is called iteration in a computer program, a common form of iteration is aloop. Loop stucture is used to repeat a number of statements up to a specified number of times or until a special condition fulfilled.

Q6. What do you mean by IDE has a graphical user interface (GUI)?

Ans 1: An IDE has a graphical user interface (GUI), meaning that a user can interact with it using windows and buttons to provide input and get output.

Q7. What is counter variable in for loop.

Ans 1: Counter variable in for loop is used to keep track of count how many times a piece of code is exceuted.

Q8. Waht happen if we do not initialize an array at the time of declaration.

**Ans 1:** If we do not initialize an array at the time of declaratio, then we need to initialize the array elements one by onee it means that we cannot initialize all the elemets of arry in a single statement.

## Q9. Write down the main parts of the structure of a C program.

**Ans 1:** C program can be divided into three main parts:

- 1. Header section or link section.
- 2. Main section.
- 3. Body of the main function.

### Q10. Define the Control Statements?

#### Ans 1:

The flow of program execution is controlled through control statements. We can control the flow of program execution through control statements. There are three types of control statements in C language.

- 1. Sequential Control Statements.
- 2. Selection Control Statements.
- 3. Repetition Control Statements.