

Computer Science - 10th Class Computer Science English Medium Chapter 2 Preparation

Q1. What is the purpose of & symbol with scanf() function ?

Ans 1: The symbol & is called address operator. The & is used before name of variable specifies the memory address of variable where data is to be transferred.

Q2. What is relationship between a computer and programming language ?

Ans 1: A computer is a device that takes data as input, process that data and generates the output. Thus all the programming languages must provide instructions to handle input, output and processing of data.

Q3. Define order of precedence of operators.

Ans 1: Precedence tells which operations should be performed first. Different operators have different precedence. Operators with higher precedence are evaluated first and the ones with lowest precedence are evaluated last.

Q4. Why format specifiers is used for integer ?

Ans 1: The format specifier %d or %i is used to read or print a decimal integer. The format specifiers %d and %i are same when they are used with the printf() function.

Q5. What is decrement operator ?

Ans 1: A double minus (--) sign is called decrement operator. It is used to subtract 1 to the current value of variable.
Example: The statement `a = a - 1;` is used to decrease the value of variable a by 1. It also can be written `a--` and `--a`.

Q6. Define Division operator.

Ans 1:
Division operator (/) divides the values of left operand by the value of right operand.
Examples: `float result = 3.0/20;`

Q7. Difference between getch() and scanf() ?

Ans 1: **Scarf():**
When we read character through scarf, it requires us to press enter key for further execution.
Getch():
Getch(), it does not wait for enter key to be pressed. The getch() function reads a character and proceeds to the execution of next line.

Q8. What is the list of some basic operator types ?

Ans 1: Following is the list of some basic operator types:

1. Assignment operators.
2. Arithmetic operators.
3. Logical operators.
4. Relational operators.

Q9. Define addition operator.

Ans 1:

Addition operator (+) calculates the sum of two or more operands.

Example: `int sum = 100 + 100;`

Q10. Define subtraction operator.

Ans 1:

Subtraction operator (-) subtracts right operand from the left operand.

Example: `int sub = 200 - 100;`
