

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

Q1. What are Logical operators?
Ans 1: Logical operators are used to perform logical operations on the given expression. The symbols used in compound expression and called Logical operators. Logical operators are used to evaluate compound conditions. There are three types of logical operators 1. && AND 2. OR 3. ! NOT
Q2. What is the purpose of printf() function ?
Ans 1: printf() is a built-in function in C programming language to show output on screen.
Q3. Define type of relation operator.
Ans 1:
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. How many types of operators based on the number of operand ?
Ans 1: There are three types of operators. 1. Unary operator. 2. Binary operators. 3. Ternary operators.
Q6. 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.
Q7. Is it possible to take multiple inputs using a single scanf() function?

Ans 1: Yes, we can take multiple inputs using a single scanf() function. Example: scanf("%d%d%f", &a,&b,&c); It takes input into

two integer type variable a and b, and one float type variable c.

Q8. What is short circuiting?

Ans 1: C language performs short -- circuit evolution means that;

- 1. While evaluating an AND operator, if sub expression at left side of the operator is false then the reasult is immediately declared as false without evaluating complete expression.
- 2. While evaluating an OR operator, if sub expression at left side of the operator is true then the result is immediately declared as true without evaluation complete expression.

Q9.	What is	OR logica	I operator?
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Q10. What is the purpose of modulus operator?

Ans 1:

Modulus operator (%) performs division of left operand by the right operand and returns the remainder value after division. Modulus operator works on integer data types.

Example: int rem = 17% 2;