Assignment_02

1. Write a C program to find maximum between two numbers using conditional operator.

2. Write a C program to find maximum between three numbers using conditional operator.

3. Write a C program to check whether a number is even or odd using conditional operator.

4. Write a C program to check whether year is leap year or not using conditional operator.

5. Write a C program to check whether character is an alphabet or not using conditional operator.

6. Write a C program to swap two numbers using bitwise operator.

7. Write a C program to performs mathematical operations such as addition, subtraction, multiplication, division etc on numerical values (constants and variables).

Operator   Meaning of Operator
+   addition or unary plus
-        subtraction or unary minus
*   multiplication
/   division
%   remainder after division (modulo division)

Output:- if a=9 and b = 4 then
  a+b = 13
  a-b = 5
  a*b = 36
  a/b = 2
  Remainder when a divided by b=1

8. Write a C program A relational operator checks the relationship between two operands. If the relation is true, it returns 1; if the relation is false, it returns value 0.
Operator   Meaning of Operator   Example
==   Equal to   5 == 3 is evaluated to 0
>   Greater than   5 > 3 is evaluated to 1
<   Less than   5 < 3 is evaluated to 0
!=   Not equal to   5 != 3 is evaluated to 1
>=   Greater than or equal to   5 >= 3 is evaluated to 1
<=   Less than or equal to   5 <= 3 is evaluated to 0

9. An expression containing logical operator returns either 0 or 1 depending upon whether expression results true or false. Logical operators are commonly used in decision making in C programming.

Operator
&&
10. Write a C program to enter a four digit number and print all digit.

11. Write a C program to enter a five digit number and find sum and difference of all digit.

12. Write a C program to enter a five digit number and find sum and difference of 1st , 3rd , 5th digit number.