EX NO 10 :

Write a C program to validate operators.

PROGRAM :

#include<stdio.h>

#include<conio.h>

int main()

{

char s[5];

printf("\n Enter any operator:");

gets(s);

switch(s[0])

{

case'>': if(s[1]=='=')

printf("\n Greater than or equal");

else

printf("\n Greater than");

break;

case'<': if(s[1]=='=')

printf("\n Less than or equal");

else

printf("\nLess than");

break;

case'=': if(s[1]=='=')

printf("\nEqual to");

else

printf("\nAssignment");

break;

case'!': if(s[1]=='=')

printf("\nNot Equal");

else

printf("\n Bit Not");

break;

case'&': if(s[1]=='&')

printf("\nLogical AND");

else

printf("\n Bitwise AND");

break;

case'|': if(s[1]=='|')

printf("\nLogical OR");

else

printf("\nBitwise OR");

break;

case'+': printf("\n Addition");

break;

case'-': printf("\nSubstraction");

break;

case'\*': printf("\nMultiplication");

break;

case'/': printf("\nDivision");

break;

case'%': printf("Modulus");

break;

default: printf("\n Not a operator");

}

getch();

}

OUTPUT :

