3.PROGRAM TO EXPLAIN ALL OPEARTORS USING DIFFERENT DATATYPES..

#include <stdio.h>

int main()

{

int a=10,b=5,c=0,d=1,res;

// Arithmatic opeartor

printf("addition=%d\n",a+b);

printf("subtraction=%d\n",a-b);

printf("multiplication=%d\n",a\*b);

printf("division=%d\n",a/b);

printf("modulus=%d\n",a%b);

//Relational opeartor

printf("%d\n",a<b);

printf("%d\n",a>b);

printf("%d\n",a==b);

printf("%d\n",a!=b);

//increment and decrement operator

printf("post increment %d\n",a++);

printf("post decrement %d\n",a--);

printf("pre increment %d\n",++a);

printf("pre decrement %d\n",--a);

// bitwise operator

printf("and operator=%d\n",c&d);

printf("or opeartor=%d\n",c|d);

printf("xor opeartor=%d\n",c^d);

// logical opearator

printf(" logical and operator=%d\n",c&&d);

printf("logical or operator=%d\n",c||d);

//conditional opearator

res= (a<b) ? a:b;

printf(“conditional operator =%d\n”,res);

return 0;

}