**Assignment no 4**

**1)**

#include<stdio.h>

int main()

{

int num;

printf("Enter the Number : ");

scanf("%d",&num);

(num%2==0)?printf("Even"):printf("Odd");

}

2)

#include<stdio.h>

void main()

{

int x,i;

i=10;

x=i++;

printf("x (i++): %d",x);

x=++i;

printf("\n x (++i): %d",x);

printf("\n i: %d",i);

getch();

}

3)

#include <stdio.h>

main() {

int a = 21;

int c ;

c = a;

printf(" = Operator Example, Value of c = %d\n", c );

c += a;

printf(" += Operator Example, Value of c = %d\n", c );

c -= a;

printf(" -= Operator Example, Value of c = %d\n", c );

c \*= a;

printf(" \*= Operator Example, Value of c = %d\n", c );

c /= a;

printf(" /= Operator Example, Value of c = %d\n", c );

c = 200;

c %= a;

printf(" %= Operator Example, Value of c = %d\n", c );

c <<= 2;

printf(" <<= Operator Example, Value of c = %d\n", c );

c >>= 2;

printf(" >>= Operator Example, Value of c = %d\n", c );

c &= 2;

printf(" &= Operator Example, Value of c = %d\n", c );

c ^= 2;

printf(" ^= Operator Example, Value of c = %d\n", c );

c |= 2;

printf(" |= Operator Example, Value of c = %d\n", c );

}