**WAP HOW TO CONVERT BINARY TO DECIMAL IN C**

#include<stdio.h>

Void main ()

{

Int n,num,digit,sum,base;

Printf(“enter the binary no with 0 and 1”);

Scanf(“%d”,&n);

Num=n;

Base=1;

Sum=0;

While(num!=0)

{

Digit=num%10;

Num/=10;

Sum+=digit\*base;

Base=base\*2;

}

Printf(“binary number=%d”,n);

Printf(“decimal number =%d”,sum);

}

**WAP HOW TO CONVERT decimal TO binary IN C**

#include<stdio.h>

Void main()

{

Int n,num,digit,sum,base;

Printf(“enter any number”);

Scanf(“%d”,&n);

Num=n;

Base=1;

Sum=0;

While(num!=0)

{

Digit=num%2;

Num/=2;

Sum+=digit\*base;

Base=base\*10;

}

Printf(“binary number=%d”,n);

Printf(“decimal number =%d”,sum);

}

**WAP TO SWAP TWO NUMBERS WITHOUT USING THIRD VARIABLE**

#INCLUDE<STDIO.H>

#include<conio.h>

Void main()

{

Int x=10,y=15;

X=x+y-(y=x);

Printf(“x=%d and y=%d”,x,y)

Getch();

Output will be x=15, y=10

WAP TO SWAP TWO NUMBERS USING BITWISE OPERATOR

#INCLUDE<STDIO.H>

#include<conio.h>

Void main()

{

Int x=6,y=4;

X=x^y;

Y=x^y;

X=x^y;

Printf(“x =%d and y=%d”,x,y);

Getch();

}

Output will be x=4 and y =6