1.swapping two numbers:

Program:

#include<stdio.h>

int main()

{

int a,b,c;

scanf("%d %d",&a,&b);

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

c=b;

b=a;

a=c;

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

}

2.even or odd:

Program:

#include<stdio.h>

int main()

{

int n;

scanf("%d",&n);

if(n%2==0)

printf("even=%d",n);

else

printf("odd=%d",n);

}

ASSIGNMENT:DAY-3

1)Integer,float and double using different access specifier

#include<stdio.h>

int main()

{

int a=56;

float b=23.45234;

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

printf("float=%f\n",b);

printf("double=%lf\n",b);

}

2)Print 1 to 120 using for loop,while loop,do while loop

For loop:

int main()

{

int n;

for(n=1;n<=120;n++)

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

}

While loop:

#include<stdio.h>

int main()

{

int n=1;

while(n<=120)

{

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

n++;

}

}

Do while loop:

#include<stdio.h>

int main()

{

int n=1;

do

{

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

n++;

}while(n<=120);

}

3)Write a program to print sum of 10 numbers

#include<stdio.h>

int main()

{

int n=1;

do

{

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

n++;

}while(n<=120);

}

4)Sum of even and odd numbers upto 100 numbers

#include<stdio.h>

int main()

{

int n,i=0,j=0;

for(n=1;n<=100;n++)

{

if(n%2==0)

i=i+n;

else

j=j+n;

}

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

}

5)If int x=10,y=8 then write a program to find x&y,x|y,x^y

#include<stdio.h>

int main()

{

int x=10,y=8,a,b,c;

a=x^y;

b=x|y;

c=x&y;

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

}

6)Take two numbers and find out greater and smaller number

#include<stdio.h>

int main()

{

int a,b;

scanf("%d %d",&a,&b);

if(a>b)

printf("a %d is larger number and b %d is smaller number",a,b);

else

printf("b %d is larger number and a %d is smaller number",b,a);

}

7)Using conditional operator find the largest number amoung two numbers

#include<stdio.h>

int main()

{

int a,b;

scanf("%d %d",&a,&b);

(a>b)?printf("a=%d",a):printf("b=%d",b);

}

8)Program to find largest number among three numbers

#include<stdio.h>

int main()

{

int a,b,c;

scanf("%d %d %d",&a,&b,&c);

else

printf("c is largest number :%d",c);

}

if(a>b && a>c)

printf("a is largest number:%d",a);

else if(b>c)

printf("b is largest number :%d",b);