#include <stdio.h>

#include <stdlib.h>

int main()

{

char x;

float no1,no2;

printf("Enter two numbers:");

scanf("%f %f",&no1,&no2);

printf("1.+\n2.-\n3.\*\n4./\n");

printf("Please enter your choice:");

scanf("%s",&x);

switch(x)

{

case '+':printf("sum of your numbers is %.2f\n",no1+no2);break;

case '-':printf("difference of your numbers is %.2f\n",no1-no2);break;

case '\*':printf("product of your numbers is %.2f\n",no1\*no2);break;

case '/':printf("division of your numbers is %.2f\n",no1/no2);break;

default :printf("invalid");

}

**WHILE LOOP**

#include <stdio.h>

#include <stdlib.h>

int main()

{

int counter=1,oddcount=0,evencount=0,no;

while(counter<=10)

{

printf("Enter the number:");

scanf("%d",&no);

if(no%2==0)

evencount=evencount+1;

else

oddcount=oddcount+1;

counter++;

}

printf("The total odd count is %d \n",oddcount);

printf("the total even count is %d",evencount);

}

#include <stdio.h>

#include <stdlib.h>

int main()

{

int oddcount=0,evencount=0,no;

while(no!=-99)

{

printf("Enter the number:");

scanf("%d",&no);

if(no%2==0 && no!=-99)

evencount=evencount+1;

if(no%2==1 && no!=-99)

oddcount=oddcount+1;

}

printf("The total odd count is %d \n",oddcount);

printf("the total even count is %d",evencount);

}

**DO WHILE LOOP**

#include <stdio.h>

#include <stdlib.h>

int main()

{

int counter=1,oddcount=0,evencount=0,no;

do

{

printf("Enter the number:");

scanf("%d",&no);

if(no%2==0)

evencount=evencount+1;

else

oddcount=oddcount+1;

counter++;

}while(counter<=10);

printf("The total odd count is %d \n",oddcount);

printf("the total even count is %d",evencount);

}

#include <stdio.h>

#include <stdlib.h>

int main()

{

int oddcount=0,evencount=0,no;

do

{

printf("Enter the number:");

scanf("%d",&no);

if(no%2==0 && no!=-99)

evencount=evencount+1;

if(no%2==1 && no!=-99)

oddcount=oddcount+1;

}while(no!=-99);

printf("The total odd count is %d \n",oddcount);

printf("the total even count is %d",evencount);

}

**FOR LOOP**

#include <stdio.h>

#include <stdlib.h>

int main()

{

float x,no,total=0,avg;

for(x=1;x<=10;x++)

{

printf("enter the number:");

scanf("%f",&no);

total+=no;

}

avg=total/10;

printf("Average value of numbers is %f ",avg);

}

int main()

{

int x,y;

for(x=1;x<=5;x++)

{

for(y=1;x>=y;y++)

{

printf("\*");

}

printf("\n");

}

}