

Program1

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int karehesapla(int );
```

```
int main(){
```

```
int x;
```

```
printf("Lutfen bir sayi giriniz:");
```

```
scanf("%d",&x);
```

```
printf("Girdiginiz sayinin karesi: %d",karehesapla(x));
```

```
return 0;
```

```
}
```

```
int karehesapla(int x)
```

```
{
```

```
x*=x;
```

```
return x;
```

```
}
```

Program2

```
#include <stdio.h>

int main()
{
    double number;

    printf("bir sayı giriniz: ");
    scanf("%lf", &number);

    if (number < 0.0)
        printf("Negatif.");

    else if ( number > 0.0)
        printf("Pozitif.");

    else
        printf("sifir.");
    return 0;
}
```

Program3

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int indirimuygula(int );
```

```
int main(){
```

```
int urun1;
```

```
int urun2;
```

```
int toplam;
```

```
printf("Lutfen birinci urunun fiyatini giriniz:");
```

```
scanf("%d",&urun1);
```

```
printf("Lutfen ikinci urunun fiyatini giriniz:");
```

```
scanf("%d",&urun2);
```

```
toplam=urun1+urun2;
```

```
if (toplam<200){
```

```
    printf("toplam odenecek tutar: %d",toplam);
```

```
}
```

```
else
```

```
{
```

```
printf("toplam odenecek tutar: %d",indirimuygula(toplam));
```

```
}
```

```
return 0;
```

```
}
```

```
int indirimuygula(int toplam)
```

```
{
```

```
toplam=toplam-toplam*0.25;
```

```
return toplam;
```

```
}
```

Program4

```
#include <stdio.h>
```

```
float toplam( float sayi1, float sayi2);
```

```
float cikarma( float sayi1, float sayi2);
```

```
float carpma( float sayi1, float sayi2);
```

```
float bolme( float sayi1, float sayi2);
```

```
int main(){
```

```
    float sayi1,sayi2;
```

```
    char sembol;
```

```
    printf("Ilk sayiyi giriniz: ");
```

```
    scanf("%f",&sayi1);
```

```
    printf("Ikinci sayiyi giriniz: ");
```

```
    scanf("%f",&sayi2);
```

```
    printf("İslemler: + - * / :");
```

```
    scanf("%s",&sembol);
```

```
        switch (sembol)
```

```
{
```

```
    case '+':
```

```
        printf("toplama işlemininin sonucu %.1f",toplam(sayi1,sayi2));
```

```
        break;
    case '-':
        printf("Çıkarma işleminin sonucu %.2f",cikarma(sayi1,sayi2));
        break;
    case '*':
        printf("Çarpma işleminin sonucu %.3f",carpma(sayi1,sayi2));
        break;
    case '/':
        printf("Bölme işleminin sonucu %.4f",bolme(sayi1,sayi2));
        break;
    default:
        printf("Hatalı bir işlem sembolü girdiniz.");
        break;
}

return 0;

}
```

```
float toplam( float sayi1, float sayi2){
```

```
    return sayi1 + sayi2;
```

```
}
```

```
float cikarma( float sayi1, float sayi2){
```

```
    return sayi1 - sayi2;
```

```
}
```

```
float carpma( float sayi1, float sayi2){
```

```
    return sayi1 * sayi2;
```

```
}
```

```
float bolme( float sayi1, float sayi2){
```

```
    return sayi1 / sayi2;
```

```
}
```

Program 5

```
#include<stdio.h>
```

```
int Adet, Sayi, EnBuyuk, EnKucuk, Sayici;
```

```
int
```

```
main ()
```

```
{
```

```
    printf ("Kac sayi gireceksiniz:\n");
```

```
    scanf ("%d", &Adet);
```

```
    printf ("1.sayiyi girin:");
```

```
    scanf ("%d", &Sayi);
```

```
    EnBuyuk = Sayi;
```

```
    EnKucuk = Sayi;
```

```
    Sayici = 1;
```



```
while (Sayici < Adet)
```

```
{
```

```
    Sayici++;
```

```
    printf ("%d.", Sayici);
```

```
    printf ("sayiyi girin:");
```

```
    scanf ("%d", &Sayi);
```

```
    if (EnBuyuk < Sayi)
```

```
        EnBuyuk = Sayi;
```

```
    if (EnKucuk > Sayi)
```

```
        EnKucuk = Sayi;
```

```
}
```

```
printf ("En buyuk sayi:%d ", EnBuyuk);
```

```
printf ("En kucuk sayi:%d", EnKucuk);
```

```
return 0;
```

```
}
```

Program 6

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int sayi, i = 1, toplam = 0;
```

```
    printf("10 dan buyuk olmayan sayi girin: \n");
```

```
    scanf("%d", &sayi);
```

```
    if (sayi<=10) {
```

```
        while (sayi > i)
```

```
        {
```

```
            toplam = toplam + i;
```

```
            i = i + 2;
```

```
        }
```

```
        printf("1 ve %d arasindaki tek sayilarin toplami: %d \n", sayi, toplam);
```

```
    }
```

```
    else {
```

```
        printf("Girdiginiz sayi 10 dan buyuk");
```

```
    }
```

```
    return 0;
```

```
}
```

Program 7

```
#include <stdio.h>
```

```
int main(){
```

```
int n,x,i=0;
```

```
printf("Bolunen sayiyi giriniz: ");
```

```
scanf("%d",&n);
```

```
printf("Bolen sayiyi giriniz ");
```

```
scanf("%d",&x);
```

```
if (n>x){
```

```
for(i=1;i<n;i++)
```

```
{
```

```
if(i%x == 0)
```

```
{
```

```
printf("%d",i);
```

```
}
```

```
}
```

```
}
```

```
else {
```

```
printf("Bolunen sayi bolen sayidan buyuk olmalidir");
```

```
    }  
  
    return 0;  
}
```

Program 8

```
#include <stdio.h>
```

```
int main ()  
{  
    int i, n, x, sayi=1;  
  
    printf ("Ishlem kac satir yapilacak:");  
    scanf ("%d", &sayi);  
  
    for (i = 0; i < sayi; i++)  
    {  
        for (n=0; n < sayi; n++)  
        {  
            for (x=0; x < sayi; x++)  
            {  
                printf (" ");  
  
            }  
        }  
    }
```

```
printf ("*");  
}
```

```
printf ("\n");
```

```
}
```

```
return 0;
```

```
}
```