```c
#include <stdio.h>

#indude <conio.h>

void main()
{
int a[10][10], b[10][10], sum [10] [10]. dif [10][10],r, c, i, j;

printf("Enter the number of row and columns of

maturix:\n");

scanf("%d%d",&r,&c);

printf("Enter the elements of first matrix: \n");

for (i=0;i<r;i++)
    forCj=0;j<c; j++)
scanf ("%d",&a[i][j]);

printf ("Enter the elements of second matrix: \n");

for+(i=0;i<r;i++)
for(j=0;j<c;j++)
scanf ("%d",&b[i][j]);

Porinth C" The addition of two matrices is: \n");
 for (i=0;i<r;i++)

for (j=0; j<c;j++)

sume [i][j]=a[i][j]+b[i][j];

for(i=0;i<r;i++){

for (j=0;j<c;j++)

printf("%d\t", sum[i][j]);

Perintf ("\n");
printf("The substraction of two matrices is: \n ") ;
fan (i=0; i<r; i++)

for (j=0; j<c;j++)

dif [i][j]=a[i][j]-b[i][j]

for (i=0; i<r;i++)

for (j=0;j<c;j++) {

printf ("%d \t", dif [i][j]);

Printf ("\n");
```

```
}
getch ();
}
```