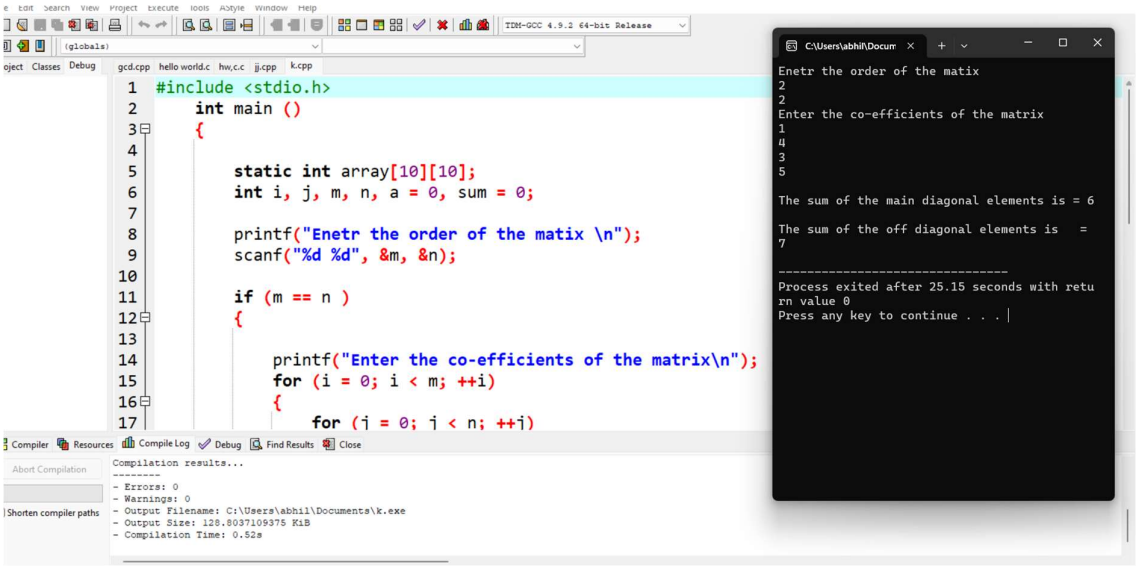


```c
#include <stdio.h>
    int main ()
    {

        static int array[10][10];
        int i, j, m, n, a = 0, sum = 0;

        printf("Enetr the order of the matix \n");
        scanf("%d %d", &m, &n);

        if (m == n )
        {

            printf("Enter the co-efficients of the matrix\n");
            for (i = 0; i < m; ++i)
            {
                for (j = 0; j < n; ++j)
```

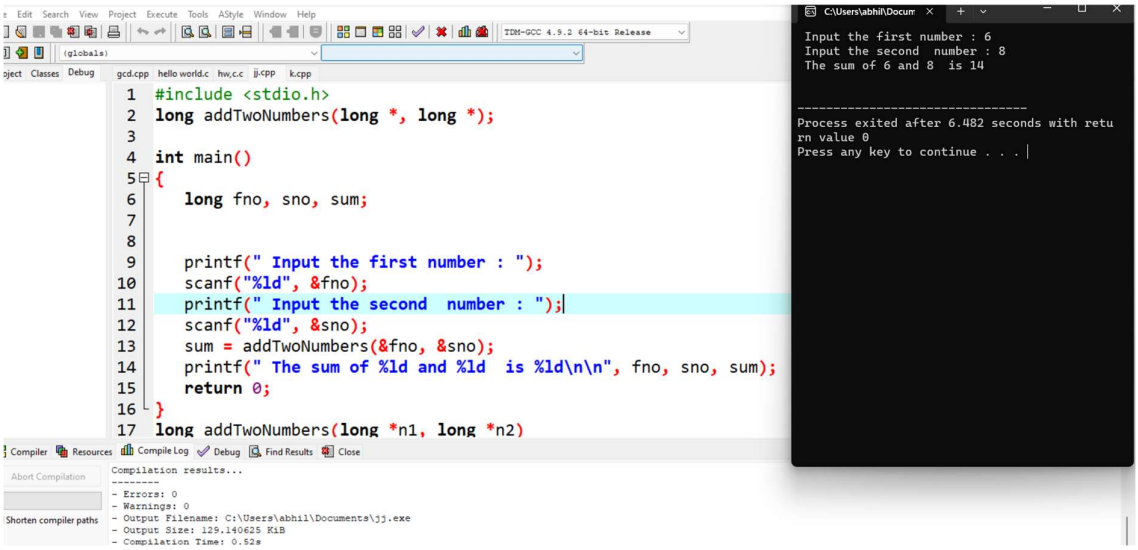
```
Enetr the order of the matix
2
2
Enter the co-efficients of the matrix
1
4
3
5

The sum of the main diagonal elements is = 6

The sum of the off diagonal elements is   =
7

--------------------------------
Process exited after 25.15 seconds with retu
rn value 0
Press any key to continue . . .
```

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhil\Documents\k.exe
- Output Size: 128.8037109375 KiB
- Compilation Time: 0.52s
```



```c
#include <stdio.h>
long addTwoNumbers(long *, long *);

int main()
{
   long fno, sno, sum;


   printf(" Input the first number : ");
   scanf("%ld", &fno);
   printf(" Input the second  number : ");
   scanf("%ld", &sno);
   sum = addTwoNumbers(&fno, &sno);
   printf(" The sum of %ld and %ld  is %ld\n\n", fno, sno, sum);
   return 0;
}
long addTwoNumbers(long *n1, long *n2)
```

```
 Input the first number : 6
 Input the second  number : 8
 The sum of 6 and 8  is 14


--------------------------------
Process exited after 6.482 seconds with retu
rn value 0
Press any key to continue . . .
```

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhil\Documents\jj.exe
- Output Size: 129.140625 KiB
- Compilation Time: 0.52s
```