

The screenshot shows a C++ IDE with a source file named `k.cpp`. The code defines a 10x10 static integer array and prompts the user to enter the order of the matrix (`m` and `n`). It then calculates the sum of the main diagonal elements and the sum of the off-diagonal elements. The output window shows the user entering 2 for the order, followed by the sums 6 and 7 respectively. The compilation results show no errors or warnings.

```
1 #include <stdio.h>
2 int main ()
3 {
4
5     static int array[10][10];
6     int i, j, m, n, a = 0, sum = 0;
7
8     printf("Enetr the order of the matix \n");
9     scanf("%d %d", &m, &n);
10
11     if (m == n )
12     {
13
14         printf("Enter the co-efficients of the matrix\n");
15         for (i = 0; i < m; ++i)
16         {
17             for (j = 0; j < n; ++j)
```

Compiler: gdc.cpp hello world.c hwl.c k.cpp
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhi\Documents\k.exe
- Output Size: 128.8037109375 KiB
- Compilation Time: 0.52s

The screenshot shows a C++ IDE with a source file named `k.cpp`. The code defines a function `addTwoNumbers` that takes two long integers and returns their sum. The `main` function prompts the user to input two numbers, calls the `addTwoNumbers` function, and prints the result. The output window shows the user inputting 6 and 8, with the sum 14 displayed. The compilation results show no errors or warnings.

```
1 #include <stdio.h>
2 long addTwoNumbers(long *, long *);
3
4 int main()
5 {
6     long fno, sno, sum;
7
8
9     printf(" Input the first number : ");
10    scanf("%ld", &fno);
11    printf(" Input the second number : ");
12    scanf("%ld", &sno);
13    sum = addTwoNumbers(&fno, &sno);
14    printf(" The sum of %ld and %ld is %ld\n\n", fno, sno, sum);
15    return 0;
16 }
17 long addTwoNumbers(long *n1, long *n2)
```

Compiler: gdc.cpp hello world.c hwl.c k.cpp
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhi\Documents\jj.exe
- Output Size: 129.140625 KiB
- Compilation Time: 0.52s