

## EXPERIMENT 5:

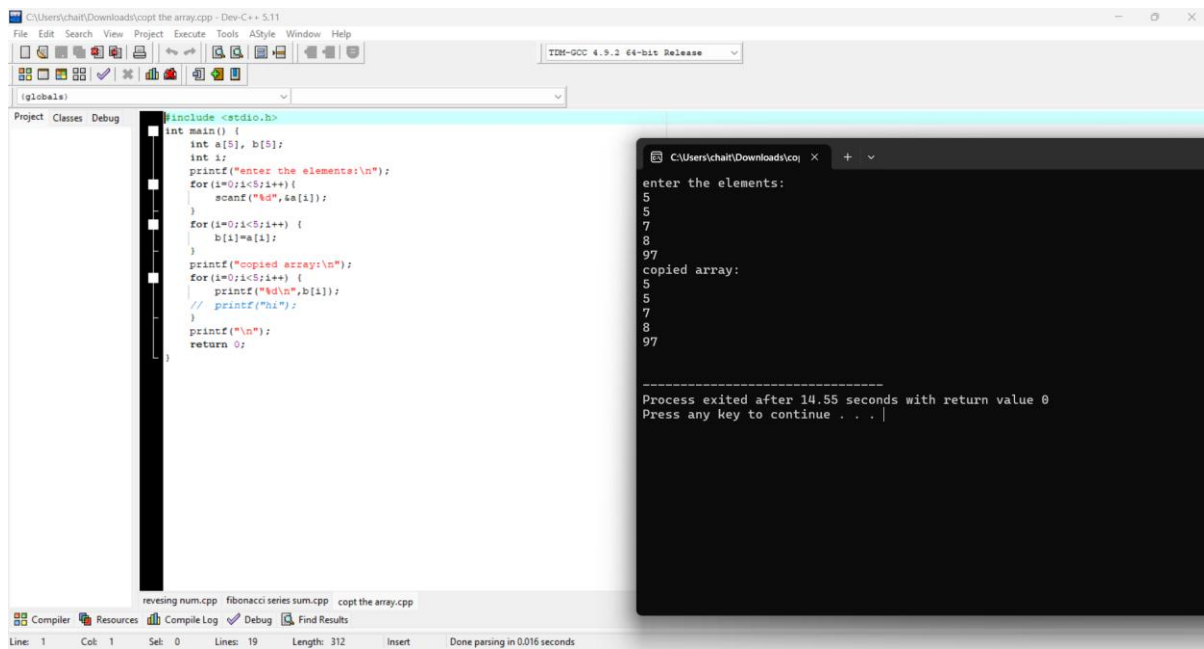
### COPYING AN ARRAY

#### CODE:

```
#include <stdio.h>

int main() {
    int a[5], b[5];
    int i;
    printf("Enter the elements:\n");
    for(i = 0; i < 5; i++) {
        scanf("%d", &a[i]);
    }
    for(i = 0; i < 5; i++) {
        b[i] = a[i];
    }
    printf("Copied array:\n");
    for(i = 0; i < 5; i++) {
        printf("%d ", b[i]);
    }
    return 0;
}
```

## OUTPUT:



The screenshot shows a C++ IDE with a source code editor on the left and a console window on the right. The source code in the editor is as follows:

```
#include <stdio.h>

int main() {
    int a[5], b[5];
    int i;
    printf("enter the elements:\n");
    for (i=0; i<5; i++) {
        scanf("%d", &a[i]);
    }
    for (i=0; i<5; i++) {
        b[i] = a[i];
    }
    printf("copied array:\n");
    for (i=0; i<5; i++) {
        printf("%d\n", b[i]);
        // printf("hi");
    }
    printf("\n");
    return 0;
}
```

The console window on the right displays the program's output:

```
enter the elements:
5
5
7
8
97
copied array:
5
5
7
8
97

-----
Process exited after 14.55 seconds with return value 0
Press any key to continue . . .
```

The IDE interface includes a menu bar (File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help), a toolbar, and a status bar at the bottom showing "Line: 1 Col: 1 Sel: 0 Lines: 19 Length: 312 Insert Done parsing in 0.016 seconds".