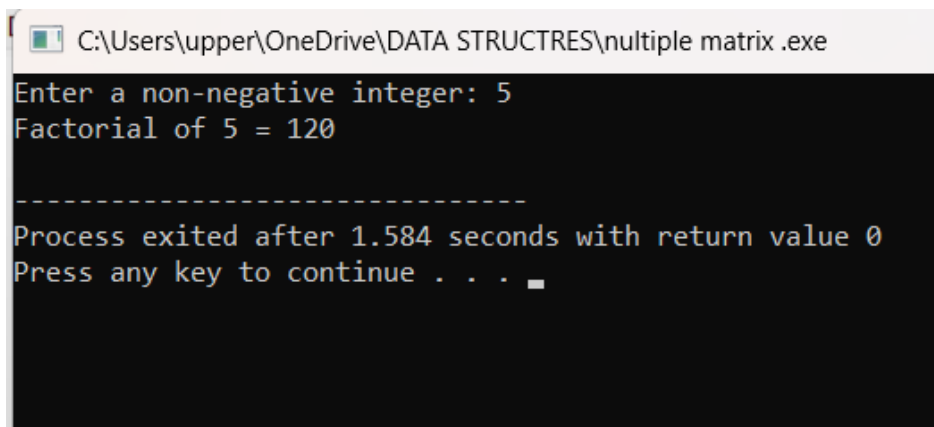


```
#include <stdio.h>
int main() {
    int n;
    long fact = 1;
    printf("Enter a non-negative integer: ");
    scanf("%d", &n);
    if (n < 0) {
        printf("Error! Factorial of a negative number doesn't exist.\n");
        return 1;
    }
    for (int i = 1; i <= n; i++) {
        fact *= i;
    }
    printf("Factorial of %d = %ld\n", n, fact);
    return 0;
}
```



The screenshot shows a Windows command prompt window with the title bar "C:\Users\upper\OneDrive\DATA STRUCTRES\nultiple matrix .exe". The window has a black background with white text. The text inside the window is as follows:

```
Enter a non-negative integer: 5
Factorial of 5 = 120

-----
Process exited after 1.584 seconds with return value 0
Press any key to continue . . .
```