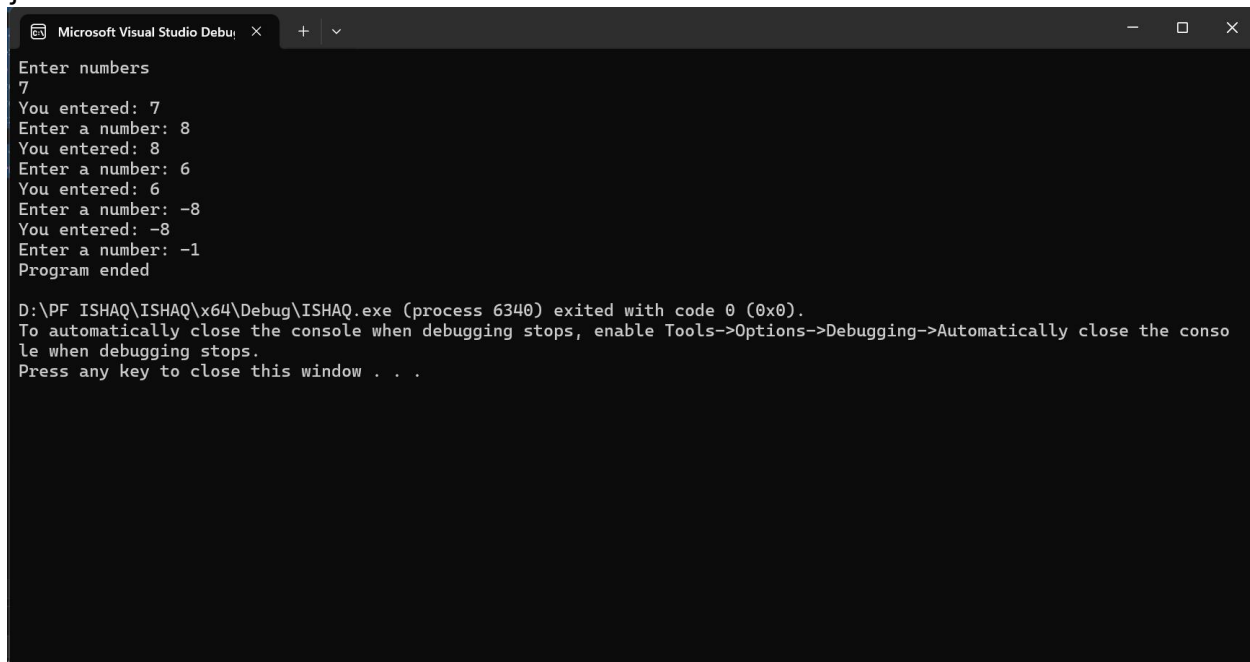


Q1. Write a program that repeatedly asks the user to enter a number and displays the entered number. The loop should continue until the user enters -1, at which point the program should display a message indicating the end of the program.

```
#include <iostream>
using namespace std;
int main() {
    int number;

    cout << "Enter numbers" << endl;
    cin >> number;
    while (number != -1) {
        cout << "You entered: " << number << endl;
        cout << "Enter a number: ";
        cin >> number;
    }
    cout << "Program ended" << endl;
    return 0;
}
```



```
Microsoft Visual Studio Debug Console
Enter numbers
7
You entered: 7
Enter a number: 8
You entered: 8
Enter a number: 6
You entered: 6
Enter a number: -8
You entered: -8
Enter a number: -1
Program ended

D:\PF ISHAQ\ISHAQ\x64\Debug\ISHAQ.exe (process 6340) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Q2. Write a program using a do-while loop and while to print a square pattern of stars (*) of size 5x5.

```
#include <iostream>
using namespace std;
int main() {
    int i = 1;
    while (i <= 5) {
        int j = 1;
        do {
            cout << "*" << " ";
            j++;
        } while (j <= 5);
        cout << endl;
    }
```

```
        i++;  
    }  
    return 0;  
}
```

