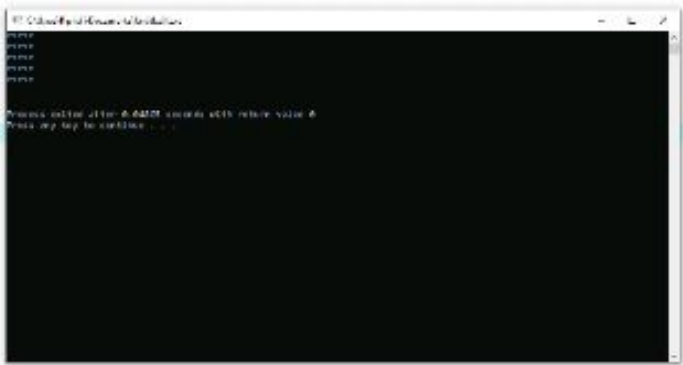


Question 1

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

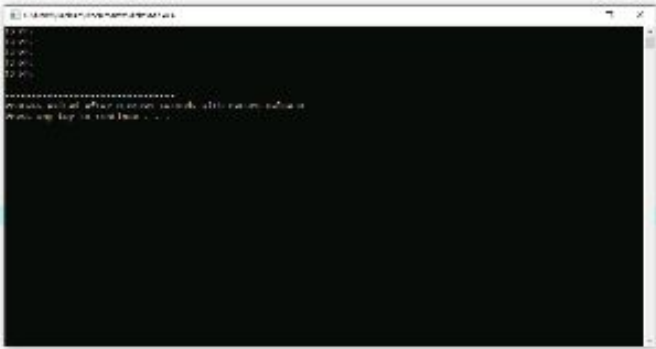


Output:

```
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

Question 2

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




Output:

```
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5
```



Question 3

```
#include<iostream>
using namespace std;
int main()
{
    for(char i='a';i<='a';i++)
    {
        for (char j='a';j<='e';j++)
        {
            cout<<j;
        }
        cout<<endl;
    }
}
```



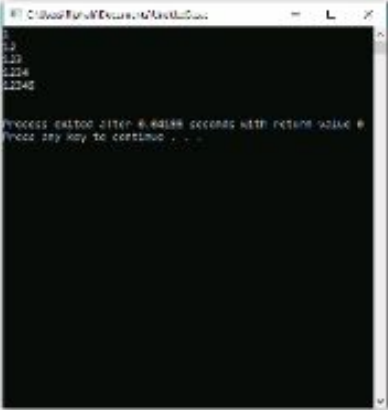
Question 4

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     for(int i=1;i<=5;i++)
6     {
7         for (int j=1;j<=i;j++)
8         {
9             cout<<"*";
10        }
11        cout<<endl;
12    }
13 }
```



Question 5

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     for(int i=1;i<=5;i++)
6     {
7         for (int j=1;j<=i;j++)
8         {
9             cout<<j;
10         }
11         cout<<endl;
12     }
13 }
14
```



```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

Process exited after 0.00188 seconds with return value 0
Press any key to continue . . .
```

Output: 0
ExitCode: 0
Output: C:\Users\user> g++ 2.33.3\src\main.cpp -std=c++11 -O2
Output: main 2.33.3\src\main.cpp 0 0

Question 6

```

$ echo "Process exited after 5.00 seconds with return value 0"
Press any key to continue . . .

```

Question7

[illegible]

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

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     for(char i='a';i<='e';i++)
6     {
7         for (char j='a';j<=i;j++)
8         {
9             cout<<j;
10         }
11         cout<<endl;
12     }
13 }
14
```

The console window on the right displays the output of the program, which is a triangular pattern of characters:

```
a
ab
abc
abcd
abcde
Press any key to continue . . .
```

Below the code editor, there is a status bar and a debug console. The status bar shows "Solution", "Compile Log", "Debug", "Find Results", "Output", and "Error". The debug console shows the following output:

```
Debug Console: Error: ...
- Error: ...
- Message: ...
- Debug: ...
- Debug: ...
- Debug: ...
- Debug: ...
```

Question7

```

1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     for(int i=1;i<=5;i++)
6     {
7         for (int j=1;j<=i;j++)
8         {
9             cout<<1;
10         }
11         cout<<endl;
12     }
13 }
14

```

```

1
11
111
1111
11111
Process exited with return code 0.
Press any key to continue . . .

```

Output: 1 11 111 1111 11111

Compiler: g++
 - g++ 4.8.2
 - g++ 4.8.2
 - g++ 4.8.2
 - g++ 4.8.2
 - g++ 4.8.2

Globals

Untitled1.cpp

Task

```

1  #include<iostream>
2  using namespace std;
3  int main()
4  {
5      const int MAX_STUDENTS = 15;
6      string names[MAX_STUDENTS];
7      float entryFee = 100.0;
8      float snackCost = 50.0;
9      float totalCost = 0.0;
10
11     int numStudents;
12
13     cout << "How many students will attend the game night? (Maximum 15)" << endl;
14     cin >> numStudents;
15
16     if (numStudents > MAX_STUDENTS) {
17         cout << "Error: Not more students allowed." << endl;
18         return 1;
19     }
20     for (int i = 0; i < numStudents; i++) {
21         cout << "Enter name for student " << (i + 1) << ": " << endl;
22         cin >> names[i];
23     }
24     cout << "User names for the event:" << endl;

```

C:\Users\asif kaleem\Documents\Untitled1.exe

```

How many students will attend the game night? (Maximum 15)
Enter name for student 1:
SALAR
Enter name for student 2:
HASHIM
Enter name for student 3:
JIHAN
Enter name for student 4:
YARAM
Enter name for student 5:
UMER
User names for the event:
User 1: SALAR
Total cost for SALAR: 150 PKR
User 2: HASHIM
Total cost for HASHIM: 150 PKR
User 3: JIHAN
Total cost for JIHAN: 150 PKR
User 4: YARAM
Total cost for YARAM: 150 PKR
User 5: UMER

```

Resources Compile Log Debug Find Results Console Close

```

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asif kaleem\Documents\My Data Sources\Untitled1.exe
- Output Size: 2.99578380584717 MiB
- Compilation Time: 1.27s

```

pat