FUNDAMENTALS OF PROGRAMMING

LAB TASK # 6

ABDUL MOIZ   464834   SECTION B

```cpp
#include<iostream>

#include<iomanip>

using namespace std;

int main()

{ TASK # 1

int a, b, c, d,e;

d = 0;

cout << "Enter 1st number : ";

cin >> a;

cout << "Enter 2nd number : ";

cin >> b;

cout << "Enter no. of terms in a sequence : ";

cin >> c;

cout << a << setw(3) << b;

while (d == 0)

{

for (int i = 1; i <= c; i++)

{
```

```cpp
e = a + b;
if (a > b)
{
b = e;
}
else if (b > a)
{
a = e;
}
else if (a == b)
{
a = e;
}
cout <<setw(3)<< e;
}
d++;
}
return 0;
}
```

```
Enter 1st number : 0
Enter 2nd number : 1
Enter no. of terms in a sequence : 7
0  1  1  2  3  5  8 13 21
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To automatically close the console when debugging
le when debugging stops.
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```

{ TASK # 2

int a, b=1,r;

a = 1;

cout<<"Enter the number of rows of floyds triangle to print : ";

cin >> r;

for (int i = 1; i <= r; i++)

{

for (int j = 1; j <= i; j++)

{

cout <<left<<setw(3)<< b;

b = b + 1;

}

cout << endl;

}

return 0;

}

Microsoft Visual Studio Debug Console

```
Enter the number of rows of floyds triangle to print : 6
1
2  3
4  5  6
7  8  9  10
11 12 13 14 15
16 17 18 19 20 21

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```