C Programming Workshop

nested loop in c programming by Tawhid Monowar

```cpp
#include <bits/stdc++.h>
using namespace std;

int main()
{
    int n=5,i,j;

    for(i=1; i<=n; i++)
    {
        for(j=1; j<=n; j++)
        {
            printf("%d",j);
        }

        printf("\n");
    }

    return 0;
}
```

```
D:\Code\C++\main.exe
12345
12345
12345
12345
12345

Process returned 0 (0x0)   execution time : 0.071 s
Press any key to continue.
```

Task 01: Try to generate the following series using Nested Loop:

1)
```
12345
12345
12345
12345
12345
```

2)
```
11111
22222
33333
44444
55555
```

Task 2 : Print this pattern.

```
- - - - -

+ - + - +

- + - + -

+ - + - +

- - - - -
```

Task 3 : Write a program in C to display the multiplication table for a given integer.

N = 5

5 X 1 = 5
5 X 2 = 10
5 X 3 = 15
.
.
5 X 10 = 50