

1. Write a program in C++ to display the multiplication table from 1 to n.

Sample Output:

```
Enter value for n : 7
1 * 1 = 1    1 * 2 = 2    1 * 3 = 3    1 * 4 = 4    1 * 5 = 5    1 * 6 = 6    1 * 7 = 7
2 * 1 = 2    2 * 2 = 4    2 * 3 = 6    2 * 4 = 8    2 * 5 = 10   2 * 6 = 12   2 * 7 = 14
3 * 1 = 3    3 * 2 = 6    3 * 3 = 9    3 * 4 = 12   3 * 5 = 15   3 * 6 = 18   3 * 7 = 21
4 * 1 = 4    4 * 2 = 8    4 * 3 = 12   4 * 4 = 16   4 * 5 = 20   4 * 6 = 24   4 * 7 = 28
5 * 1 = 5    5 * 2 = 10   5 * 3 = 15   5 * 4 = 20   5 * 5 = 25   5 * 6 = 30   5 * 7 = 35
6 * 1 = 6    6 * 2 = 12   6 * 3 = 18   6 * 4 = 24   6 * 5 = 30   6 * 6 = 36   6 * 7 = 42
7 * 1 = 7    7 * 2 = 14   7 * 3 = 21   7 * 4 = 28   7 * 5 = 35   7 * 6 = 42   7 * 7 = 49
8 * 1 = 8    8 * 2 = 16   8 * 3 = 24   8 * 4 = 32   8 * 5 = 40   8 * 6 = 48   8 * 7 = 56
9 * 1 = 9    9 * 2 = 18   9 * 3 = 27   9 * 4 = 36   9 * 5 = 45   9 * 6 = 54   9 * 7 = 63
10 * 1 = 10   10 * 2 = 20   10 * 3 = 30   10 * 4 = 40   10 * 5 = 50   10 * 6 = 60   10 * 7 = 70
11 * 1 = 11   11 * 2 = 22   11 * 3 = 33   11 * 4 = 44   11 * 5 = 55   11 * 6 = 66   11 * 7 = 77
12 * 1 = 12   12 * 2 = 24   12 * 3 = 36   12 * 4 = 48   12 * 5 = 60   12 * 6 = 72   12 * 7 = 84

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Process exited after 3.58 seconds with return value 0
Press any key to continue . . .
```

2. Write a program in C++ to display the first n terms of Fibonacci series.

Sample Output:

```
Input number of terms : 8
0 1 1 2 3 5 8 13

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Process exited after 2.709 seconds with return value 0
Press any key to continue . . .
```

3. Write a program in C++ to display and add all odd number within a range

Sample Output:

```
Input upper limit : 20
Input lower limit : 4
5      7      9      11      13      15      17      19
The sum of all odd numbers between 4 and 20 is 96

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Process exited after 4.671 seconds with return value 0
Press any key to continue . . .
```

Note: The program should receive input from the keyboard