



University of Sri Jayewardenepura, Sri Lanka  
Bachelor of Information and Communication Technology Semester 1  
ITC 1063 – Fundamentals of Programming  
Programming Practice 3

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Write C programs to display the following patterns.

1)

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

2)

```
1  
12  
123  
1234
```

3)

```
1  
22  
333  
4444
```

4)

```
1  
2 3  
4 5 6  
7 8 9 10
```

5)

```
1  
2 3  
4 5 6  
7 8 9 10
```

6)

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

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

*Expected Output :*

```
Enter a positive integer to display the multiplication
table up to that number: 8
```

```
Multiplication table from 1 to 8
```

```
1x1 = 1, 2x1 = 2, 3x1 = 3, 4x1 = 4, 5x1 = 5, 6x1 = 6, 7x1 =
7, 8x1 = 8
```

```
...
```

```
1x10 = 10, 2x10 = 20, 3x10 = 30, 4x10 = 40, 5x10 = 50, 6x10
= 60, 7x10 = 70, 8x10 = 80
```