



## Assignment – 04

### C Programming

1. Create a user defined function to display a **multiplication table for a given number and input number should be greater 1.**

Ex: input = 5;

Result:

1 x 5 = 5

2 x 5 = 10

..

15 x 5 = 75

2. Create a user defined function to **Decompose a number into individual digits and display them with their position value.**

Ex: input = 1234

Result:

No. of 1s = 4

No. of 10s = 3

No. of 100s = 2

No. of 1000s = 1

3. Create a user defined function to Find a **reverse number for the given input number.**

Ex: input = 123          output = 321

4. Create a function to verify that whether the given input is a '**Reverse Square Reverse Number**'.

Ex:

Input = 12      output = 12 is a reverse square number.

Because **sqr(12) = 144**      **rev of sqr(21) = 144 both are equal**. Then 12 is RSRN. Like that find such numbers from range **1 to 100**.