

## Exercise 3: Sum of Digits Using Recursion

This exercise requires you to use recursion to calculate the sum of digits of a number passed

### WE'LL COVER THE FOLLOWING ^

- Problem Statement
- Example

## Problem Statement #

In this exercise you have to write a method `DigitSum` to find the **sum** of **digits** of a number using *recursion*.

## Example #

**Input:**

```
A number given: 25
```

## Output

The Sum of digits of 25 is: 7

**Write your code below.** It is recommended that you try solving the exercise yourself before viewing the solution.

**Good Luck!**

```
using System;
class Exercise1
{
    public static int DigitSum(int n1)
```



```
{
    //write your code here
    return 0;

}

public static int test(int n1)
{
    int sum;

    sum = DigitSum(n1); //call the function for calculation

    return sum;
}
}
```

