

## ECS-102 LAB TASK 6 – Nested loops and functions

Example of function:

Here is an example to add two integers. To perform this task, we have created an user-defined addNumbers().

```
#include <stdio.h>

int addNumbers(int a, int b); //function prototype
int main()
{
    int n1,n2,sum;

    printf("Enters two numbers: ");
    scanf("%d %d",&n1,&n2);

    sum = addNumbers(n1, n2); //function call
    printf("sum = %d",sum);

    return 0;
}

int addNumbers(int a, int b)    //function definition
{
    int result;
    result = a+b;
    return result;    //return statement
}
```

## **LAB TASK 6**

Q.1) WAP to print the pattern shown below.

1			
2	3		
4	5	6	
7	8	9	10

Q.2) WAP to print multiplication table from 1 to an integer number being entered by the user.

Q.3) WAP using functions which takes two parameters num1 and num2 and returns the maximum value between the two.

Q.4) Write a program using Functions to check if number is even or odd.