**Assignment 6:**

1. Write a C program with a function named addNumbers that takes two integers as parameters, adds them, and returns the result.
2. Write a C program with a function named areaOfCircle that takes the radius as a parameter and returns the area of the circle.
3. Create a C program with a function called convertToFahrenheit that takes a Celsius temperature as input and returns the Fahrenheit equivalent. Use the formula F = (C \* 9/5) + 32.
4. Write a C program using Function to Check Even or Odd.
5. Write a C program using function isPrime that takes an integer and returns 1 if the number is prime and 0 otherwise.
6. Write a C program using function named calculateGCD that takes two integers and returns their greatest common divisor using the Euclidean algorithm
7. Write a C program using function named isLeapYear that accepts a year (as an integer) and returns 1 if it is a leap year and 0 otherwise.
8. Write a C program using function named findMaximum that receives three integer values and returns the largest of the three.
9. Write a C program using function named countCharacters that accepts a string and returns the number of alphabetic characters in the string.
10. Write a C program to calculate Power Using a Function
11. Write a C program to Check Palindrome Using Functions
12. Implement a function named calculateFactorial that takes an integer and returns its factorial.
13. Write a C program using function named Uppercase that takes a character and returns the uppercase version of the character if it is lowercase.