**Chapter4-Function exercise**

**1.**Write a program in C to show the simple structure of a function.

**2.**Write a program in C to find the square of any number using the function.

**3.**Write a program in C to swap two numbers using function.

**4.**Write a program in C to check a given number is even or odd using the function.

**5.**Write a program in C to find the sum of the series 1!/1+2!/2+3!/3+4!/4+5!/5 using the function.

**6.**Write a program in C to convert decimal number to binary number using the function.

**7.**Write a program in C to check whether a number is a prime number or not using the function.

**8.**Write a program in C to get the largest element of an array using the function.

**9.**Write a program in C to check Armstrong and perfect numbers using the function.

**10.**Write a program in C to print all perfect numbers in given range using the function.

**11.**Write a program in C to check whether two given strings are an anagram.

**12.** Write a C programming to find out maximum and minimum of some values using function which will return an array.