List of Programs

1. Write a c++ program to find the sum of individual digits of a positive integer.
2. Write a c++ program to generate all the prime numbers between 1 and n, where n is a value supplied by the user.
3. Write a program to implement a class student having following members:

   data members
   sname: name of the student
   marks array: marks of the student
   total: total marks obtained
   tmax: total maximum marks

   member functions
   assign() : assign initial values
   compute() : to compute total, average
   display(): to display the data.

4. Write a program to demonstrate the i)operator overloading. ii) function overloading.
5. Write a program to demonstrate the inline function.
6. Write a program to demonstrate friend function and friend class.
7. Write a program to demonstrate the abstract class.
8. Write c++ programs that illustrate how the following forms of inheritance are supported:
   a)single inheritance b)multiple inheritance c)multi level inheritance d)hierarchical inheritance
9. Write a program containing a possible exception. Use a try block to throw it and a catch block to handle it properly.