!. Write a C++ program to overload various functions to calculate the area of different polygons.

2. Write a C++ program to find out the distance between two objects using friend functions.

3. Write a C++ program to multiply two fractions using a friend class.

4. Write a C++ program to convert into centimeters into meters and meters into centimeters by making a function being friend to more than one classes.

5. Create two header files with proper arithmetic operations such as add, subtract, multiplication and division in the same namespace.

6. Write a C++ program to illustrate the usage of Nested classes.

7. Write a C++ program to illustrate the usage of Nested namespaces, Inline namespaces and using Directives.