**Programs**:

1. Using a class, WAP that receives inputs PrincipalAmount, Time and Rate. Keeping rate 8% as the default argument, calculate the simple interest for three customers.
2. WAP to find area of a triangle (when its sides are given) using the concept of overloaded constructor.
3. Create a class called Mountain with
   1. data members’ name, height, location,
   2. a constructor that initializes the members to the values **passed** to it as parameters
   3. a function called
      1. CmpHeight() to compare two objects and
      2. DisplayInf() to display the information of mountain.

In main, create two objects of the class mountain and print the information of the mountain which has the greatest height.

1. Create classes called class1 and class2 with each having one private member. Add member function to set a value (set setvalue) on each class. Add one more function max() that is friendly to both classes. Max() function should compare two private member of two classes and show maximum among them. Create one/one objects of each class then set a value on them. Display the maximum number among them.
2. Create a class distance that has separate integer data member (feet and inches). Provide two member functions, first to initialize these data members and another function to add two distance objects passed as argument to this function and return new distance object. In main, create three objects of class distance. Pass distance value to first of two objects and display the result from the third object.
3. WAP to read and print student’s information using two classes and simple inheritance concept.
4. Write any program to demonstrate the use of dynamic memory allocation.
5. Write any program to demonstrate the use of Constructor and Destructor.