1. Create an Employee class with attributes like name, contact and salary. Create an array of objects of the employee class to store N employee details and display the details of an employee with the highest salary.

2. Create a Student class with data members, name, id, and CGPA(private). Initialize them using a function and display the students details whose CGPA is less than 2.00.

3. Create a Store class with attributes (Product_name, Product_price, Product_code). Initialize them for multiple objects. And display the average price of the products.

4. Suppose you want to order food from a restaurant. So you have to choose your food item. You are asked to write a class “KFC” where the function chooseFood() takes the name of food items as the argument. The number of food items may vary from 3 to 5. Now complete the task using the function overloading concept.

5. Overload the functions to calculate the area of circle, rectangle and triangle. When you pass radius the area of the circle will be calculated, when you pass the length and width the area of the rectangle will be Calculated. When you pass base and height the area of the triangle will be calculated. [Area of triangle: (base*height)/2 ]

6. Demonstrate a program with class “Height” which has two private members Foot and inches. Create two objects of “Height” namely H1 and H2 and initialize them from the user input. Implement the member function Dif() to find the difference between H1 and H2. Write a function called Show() to

display the difference between two objects.