# 30/3/2023 week lab exercises

1) Define a class named ComparableCircle that extends Circle and implements Comparable. implement the compareTo method to compare the circles on the basis of area.Write a test class to find the larger of two instances of ComparableCircle objects.

2) Define a class named Comparableemployee that extends employee implements Comparable. implement the compareTo method to compare the employees on the basis of salary.Write a test class to find the larger of two instances Comparableemployee objects.

3) Create the **Circle** class to extend **GeometricObject** and implement the **Comparable** interface. Override the **equals** method in the **Object** class. Two **Circle** objects are equal if their radii are the same.