

## SET 35

### **(Exception handlings , Interfaces and Abstract classes ,Wrapper Classes)**

1. Write a program to illustrate to create user defined exception
2. Write a program to find the area of circle , triangle and Rectangle by inheriting abstract class shape.
3. Write a program to find the simple interest and compound interest by inheriting the class called interest by two different subclasses.
4. Write a program to create a class called Average which an abstract class and contain two abstract methods like averageoftwonumbers() and averageofNnumbers() , And inherit this to AverageofTwo, Averageof N and perform the operation.
5. Write a program to find the area of circle using an interface called Circle and pi as its data member and findarea() as it member function.
6. Write a program to find the Biggest of two numbers using an interface called Big and a and b as its data member and findBIG() as it member function.
7. Write a program to find the decimal conversion of binarynumber and binary conversion of decimal number using partial implementation of an interface.
8. Write a program to find the Simple interest and compound Interest using partial implementation of an interface.
9. Write a program to find the compound and simple interests by extending interfaces.
10. Write a program to find the average of two and 3 numbers by extending the interfaces

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