**Exercise 1:** *Write a program to display the Fibonacci series starting from 0 till 200.*

**Exercise 2:***A shopkeeper sells three products whose retail prices are as follows:*

*Product 1 - 22.50*

*Product 2 - 44.50*

*Product 3 - 9.98*

*Write an application that reads a series of pairs of numbers as follows:*

*a) Product number*

*b) Quantity sold*

*The application should use a switch statement to determine the retail price for each product. It*

*should calculate and display the total retail value of all products sold.*

**Exercise 3:** *Consider user has N eggs. Then display the no of eggs in gross (144 eggs make one gross) and*

*no of eggs in dozen (12 eggs make one dozen) and the no of eggs that is left out remaining.*

*The total no of eggs can be got as input through command line. The program should display*

*how many gross, how many dozen, and how many left over eggs the user has.*

**Exercise 4:***Create a class called Student with the following details: RollNo, StudName, MarksInEng,*

*MarksInMaths and MarksInScience. Write getters and setters for the all variables. RollNo*

*should be automatically generated whenever a new student is added.*

**Exercise 5:***Create a package called shapes. Create some classes in the package representing some*

*common geometric shapes like Square, Triangle, Circle and so on. Create a class called*

*TestShapes and create objects for all the shapes and print corresponding messages.*

*Execute the TestShapes class.*

**Exercise 6:**

1. *Create a new project in which create a package named org.animals. In that create various classes like Lion, Tiger, Deer, Monkey, Elephant and Giraffe. In each class create data members like color, weight, age etc. Create methods like isVegetarian, canClimb, sound etc*
2. *Create another project and in that create a package called zoo and create a class called VandalurZooand create objects for the animals that are existing in zoo and print the characteristic of each animal.*