

## Write Up:

- 1.Created a java file named as "Geometric Project".
- 2.Created a java package named as "Geometric Project".
3. Create a parent class inside the package named as "Shape" and also create a method to display the area.
- 4.The Create child classes inside the same package as Rectangle and Circle.
- 5.A constructor for the child class is created.
- 6.A method to calculate area in the child class is created.
- 7.Objects for all the classes are created.
8. An array list was created and all the created objects are pushed into the array.
- 9.The areas are calculated using for loop ,which displays the calculated area.
- 10.Exception handling operations are performed inside the loop.