- Create a Java Project.
- Create a package inside the Java Project.
- Create a parent class inside the package and create a method to display the area.
- Create child classes inside the same package.
- Create a constructor for the child classes.
- Create a method to calculate the area in the child classes.
- Create objects for all the created classes.
- Create an array list and push all the objects created.
- Display all the calculated areas using loop.
- Surround the loop by try-catch and finally.
- Run the program.

Flowchat: