

- 1.Created an abstract class Figure having one data member and two abstract methods.
- 2.Classes Rectangle, Circle and Triangle all inherited abstract class Figure for implementation of the abstract methods and finding respectively areas and perimeters of the figures.
- 3.Figuremain class is created for creating object of all the classes and getting the desired results.

4.Expected and Actual output are coming same:

```
C:\Users\IBM_ADMIN\javaprg>javac Figuremain.java
Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true

C:\Users\IBM_ADMIN\javaprg>java Figuremain
Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true
Area of Circle:78.5
perimeter of Circle:31.400002
area of rectangle:25
perimeter of Rectangle:20
area of Triangle:12.5
Perimeter of Triangle:15

C:\Users\IBM_ADMIN\javaprg>
```