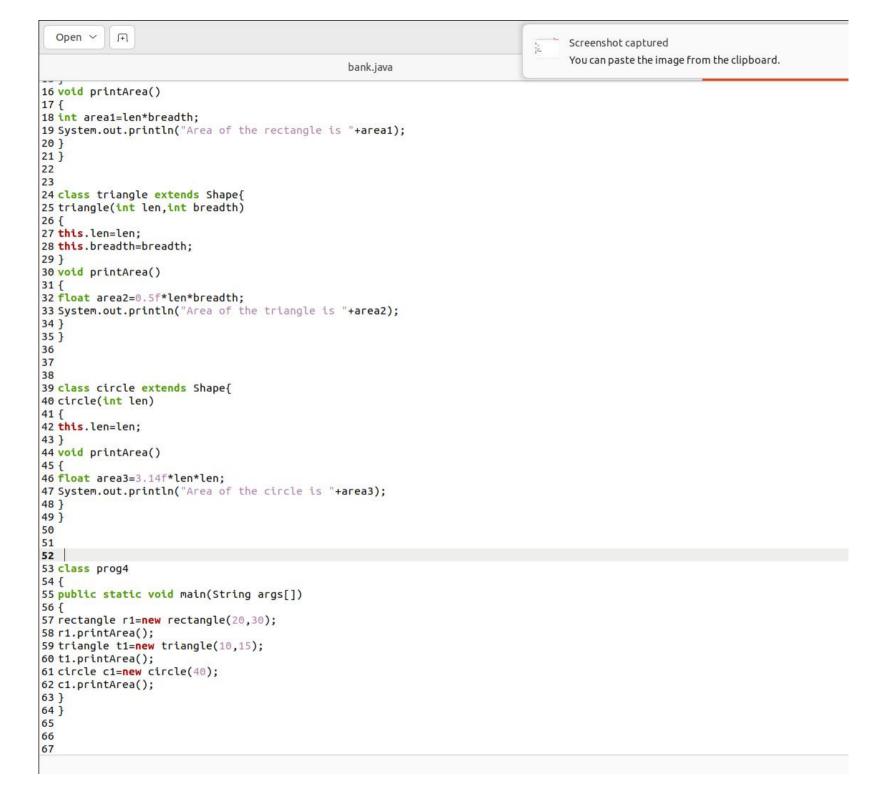
```
prog4.java
          J+1
  Open ~
                                                bank.java
 1 abstract class Shape
 2 {
 3 int len, breadth;
 4 abstract void printArea();
 6
 7
 9 class rectangle extends Shape
11 rectangle(int len,int breadth)
13 this.len=len;
14 this.breadth=breadth;
15 }
16 void printArea()
17 {
18 int area1=len*breadth;
19 System.out.println("Area of the rectangle is "+area1);
21 }
22
23
24 class triangle extends Shape{
25 triangle(int len,int breadth)
26 {
27 this.len=len;
28 this.breadth=breadth;
29 }
30 void printArea()
31 {
32 float area2=0.5f*len*breadth;
33 System.out.println("Area of the triangle is "+area2);
34 }
35 }
36
37
39 class circle extends Shape{
40 circle(int len)
41 {
42 this.len=len;
43 }
44 void printArea()
45 {
46 float area3=3.14f*len*len;
47 System.out.println("Area of the circle is "+area3);
48 }
49 }
50
51
52
```



bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:-\$ javac prog4.java
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:-\$ java prog4
Area of the rectangle is 600
Area of the triangle is 75.0
Area of the circle is 5024.0
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:-\$