

```
1 C:\java11\jdk-11.0.2\bin\java.exe "-javaagent:C:\
  Program Files\JetBrains\IntelliJ IDEA Community
  Edition 2021.3.2\lib\idea_rt.jar=51781:C:\Program
  Files\JetBrains\IntelliJ IDEA Community Edition 2021.
  3.2\bin" -Dfile.encoding=UTF-8 -classpath C:\Users\
  alexx\IdeaProjects\JavaHomework\out\production\
  JavaHomework com.netcracker.homework1.Main
2 *****
3 ***testCircle***
4 *****
5 Circle{radius=1.0, color='red'}
6 Area of circle=3.141592653589793
7 Circle{radius=32.0, color='red'}
8 Area of circle=3216.990877275948
9 Circle{radius=12.0, color='white'}
10 Area of circle=452.3893421169302
11 =====
12 *****
13 ***testRectangle***
14 *****
15 Rectangle[length=1.0,width=1.0]
16 Perimeter =4.0
17 Area=1.0
18 Rectangle[length=5.0,width=3.0]
19 Perimeter=16.0
20 Area=15.0
21 =====
22 *****
23 ***testEmployee***
24 *****
25 Employee{id=1, firstname='Ivan', lastName='Ivanov',
  salary=30000}
26 Name: Ivan Ivanov
27 Salary =30000
28 Annual salary =360000
29 Raising salary on 30%
30 New salary =39000
31 New annual salary =468000
32 =====
33 *****
34 ***testBook***
```

```
35 *****
36 Book{name='Thinking in Java', authors=[Author{name='
    Bruce Ekkel', email='null', gender=M}], price=1000.0
    , qty=0}
37 Name:Thinking in Java
38 Authors:Bruce Ekkel,
39 Price =1000.0
40
41 Book{name='Computer architecture', authors=[Author{
    name='John L Hennessy', email='null', gender=M},
    Author{name='David A Patterson', email='null', gender
    =M}], price=2500.0, qty=0}
42 Name:Computer architecture
43 Authors:John L Hennessy,David A Patterson,
44 Price =2500.0
45 =====
46 *****
47 ***testMyPoint***
48 *****
49 First point: (0,0)
50 [0, 0]
51 Second point: (3,4)
52 [3, 4]
53 Distance1 =5.0
54 Distance2 =5.0
55 Distance3 =5.0
56 =====
57 *****
58 ***testMyTriangle***
59 *****
60 MyTriangle{v1=(0,0), v2=(0,3), v3=(4,0)}
61 Perimeter =12.0
62 Type of triangle: Scalene
63 MyTriangle{v1=(0,0), v2=(0,4), v3=(4,0)}
64 Perimeter =13.65685424949238
65 Type of triangle: Isosceles
66 =====
67 THE END
68
69 Process finished with exit code 0
70
```