

Student propunator: Grigoras Bianca-Maria Grupa 233 Email:bianca.gr11@yahoo.com

Fie clasa ComplexNumber. Ce se va afisa in urma executiei codului de mai jos?

```
1 package first;
2 public class Main {
3     public static void main(String[] args) {
4         ComplexNumber number= new ComplexNumber( re: 12, im: 10);
5         System.out.println(number);
6     }
7 }
8 public class ComplexNumber {
9     private float re;
10    private float im;
11    {
12        re=0;
13        im=0;
14    }
15    public ComplexNumber(float re, float im){
16        this.re=re;
17        this.im=im;
18    }
19    @Override
20    public String toString() {
21        return "ComplexNumber{" +
22            "re=" + re +
23            ", im=" + im +
24            '}';
25    }
26 }
```

Variante de raspuns:

- a) ComplexNumber{re=12, im=10}
- b) ComplexNumber{re=0.0, im=0.0}
- c) ComplexNumber{re=12.0, im=10.0}
- d) Niciuna din cele de mai sus. Exista eroare de compilare

Justificare:

In urma apelarii constructorului, attributele elementului de tipul ComplexNumber vor avea valorile specificate in constructor.