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Ce se afișează la rularea codului urmator?

import java.lang.reflect.Field;  
class Telefon {  
private String detinator;  
private int pret;  
@Override  
public String toString() {  
return "Telefon{" +  
"detinator='" + detinator + '\'' +  
", pret=" + pret+ "$" +  
'}';  
}  
}

public class iPhone extends Telefon  
{  
public static void main(String[] args)throws ClassNotFoundException, IllegalAccessException, InstantiationException, NoSuchFieldException   
{  
Class<Telefon> telefonClass = (Class<Telefon>)Class.forName("Telefon");  
Telefon iPhone12 = telefonClass.newInstance();  
Field field\_detinator = telefonClass.getDeclaredField("detinator");  
field\_detinator.setAccessible(true);  
field\_detinator.set(iPhone12,"Marian");  
field\_detinator.setAccessible(false);  
Field field\_pret = telefonClass.getDeclaredField("pret");  
field\_pret.set(iPhone12,1000);  
field\_pret.setAccessible(false);  
System.out.println(iPhone12);  
}  
}

1. NoSuchFieldException
2. IllegalAccessException
3. Telefon{detonator=’Marian’, pret=1000$}
4. Telefon{detonator=’’, pret=$}

R: b)

Aces cod va avea ca rezultat exceptia IllegalAccessException deoarece clasa iPhone nu poate accesa atributul privat "pret" al clasei Telefon pentru ca lipseste instructiunea "field\_pret.setAccessible(true);".