Template grila propusa de catre student:

Student propunător: Crisan Adrian-Catalin; Grupa: 222; Email:adriancatalincrisan@gmail.com;

GRILA:

Considerand secventa de cod, selectati liniile de cod care genereaza erori:

package main;

class Outer {​​​​

int x = 10;

public Outer(int x) {​​​​ this.x = x; }​​​​

static class SInner {​​​​

protected void hello () {​​​​ System.out.println("Non-static hello"); }​​​​

protected static void getOuterX () {​​​​ System.out.println(x); }​​​​

protected static void helloS () {​​​​ System.out.println("Static hello"); }​​​​

public SInner() {​​​​ }​​​​

}​​​​

class EInner extends SInner {​​​​

public void getHello() {​​​​ super.helloS(); }​​​​

@Override

protected void hello() {​​​​ System.out.println("Hello"); }​​​​

public EInner() {​​​​ super(); }​​​​

}​​​​

}​​​​

public class Main {​​​​

public static void main(String[] args) {​​​​

Outer o = new Outer(10);

Outer.SInner s = o.new SInner();

Outer.EInner es = o.new EInner();

Outer.SInner.hello();

es.hello();

es.getHello();

}​​​​

}​​​​

Raspunsuri:

a) protected static void getOuterX () {​​​​ System.out.println(x); }​​​​

b) public void getHello() {​​​​ super.helloS(); }​​​​

c) Outer.SInner s = o.new SInner();

d) Outer.SInner.hello();

Raspunsuri corecte: a), c), d)

Justificare raspuns:

a) Atributele non-statice nu pot fi accesate dintr-un context static (clasa si/sau metoda statica).

b) Se poate apela o functie statica dintr-o instanta a clasei.

c) Nu se poate creea o instanta a unei clase interne statice folosind o instanta a clase externe.

d)Metodele non-statice nu pot fi accesate dintr-un context static (clasa si/sau metoda statica).

Referinte web:

Dificultate: (Easy, **Medium**, Difficult)