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GRILA: Se da codul:

public interface A {  
public abstract void execute(int a);  
}

public class B implements A{  
 int nr;  
  
 public B(){}  
  
 public B(int nr){  
 this.nr = nr;  
 System.out.println("Constuiesc B");  
 }  
 @Override  
 public void execute(int a) {  
 System.out.println("a is " + a);  
 }  
  
 public void execute(long a){  
 System.out.println("a is " + a + " but long");  
 }  
}

public class C extends B{  
 public C(int nr){  
 super(nr);  
 super.execute((long)nr);  
 }  
  
 public void execute(String a){  
 System.out.println("This is a string " + a);  
 }  
}

Ce se va afisa pe ecran dupa executarea instructiunilor urmatoare?

B b = new B(5);  
b.execute(6);  
C c = new C(6);  
B d = new C(6);  
c.execute(Long.toString(7));  
d.execute(7);  
d.execute(Long.toString(7));

A) Construiesc B

a is 6

Construiesc B

a is 6 but long

Construiesc B

a is 6 but long

This is a string 7

a is 7

B) Eroare de compilare

C) Consrtuiesc B

a is 6

Construiesc B

a is 6 but long

Construiesc B

a is 6 but long

This is a string 7

a is 7

This is a string 7

D) a is 6

This is a string 7

a is 7

This is a string 7

Justificare raspuns: Programul va esua deoarece clasa B nu are o metoda execute care sa poata rula avand ca argument un String.

Dificultate: Medium