Student propunător: Zele Mădălina-Cristina Grupa:227 Email: madalinazele17@gmail.com

Ce se afișează la rularea codului urmator?

public abstract class Animal {  
 public static String *CATEGORY* = "domestic";  
 private String name;  
 public Animal(String name) {  
 this.name = name;  
 }  
  
 public abstract String getSound();  
}  
  
class Dog extends Animal{  
  
 public double height;  
 private int months;  
  
 public Dog(String name, double height, int months) {  
 super(name);  
 this.height = height;  
 this.months = months;  
 }  
  
 @Override  
 public String getSound() {  
 return "ham";  
 }  
}  
  
class Main {  
 public static void main(String[] args) throws ClassNotFoundException {  
 Class<?> dogClass = Class.*forName*("reflection.Dog");  
 Field[] fields = dogClass.getFields();  
  
 for(Field f : fields) {  
 System.*out*.print(f.getName() + " ");  
 }  
 }  
}

* Variante de răspuns:

a.

height

months

CATEGORY

name

b.

CATEGORY

height

months

c.

height

CATEGORY

d.

height

months

CATEGORY

* **Justificare raspuns:**

Metoda getFields() returneaza toate variabilele PUBLICE inclusiv cele mostenite.

Deci variantele a,b si d sunt gresite deoarece contin si variabile private.

Varianta c este cea corecta.