Java → Object-oriented programming → Inheritance and polymorphism → Nested classes →
Inner classes

Inner classes → A bow and a cat

📊 Medium   🕐 3 minutes   ⓘ

Choose the right output:

```java
public class Cat {

    private String name;
    private String color;
    private int size;

    public Cat(String name, String color, int size) {
        this.name = name;
        this.color = color;
        this.size = size;
    }


    public class Bow {

        String color;

        int size;


        public Bow(String color, int size) {

            this.color = color;

            this.size = size;

        }


        public void printColor() {

            System.out.print("Cat " + name + " is " + color + ". ");

            System.out.print("The size of " + name + " is " + size + ". ");

            System.out.print("Cat " + name + " has " + this.color + " bow. ");

            System.out.print("The size of bow is " + this.size + ".");

        }

    }


    public static void main(String[] args) {


        Cat cat = new Cat("Bob", "white", 10);

        Cat.Bow bow = cat.new Bow("red", 15);


        bow.printColor();

    }

}
```

📄 Report a typo

↓ Select one option from the list

◯ Cat Bob is red. The size of Bob is 10. Cat Bob has white bow. The size of bow is 10.

◯ Cat Bob is white. The size of Bob is 10. Cat Bob has red bow. The size of bow is 15.

◯ Cat Bob is red. The size of Bob is 15. Cat Bob has red bow. The size of bow is 15.

◯ Cat Bob is white. The size of Bob is 15. Cat Bob has white bow. The size of bow is 10.

✓ Correct.

18 users liked this problem. **2** didn't like it. **What about you?**

😍 🙂 😐 🙁 😠

Continue

Comments (2)   Hints (1)   Useful links (0)   Show discussion