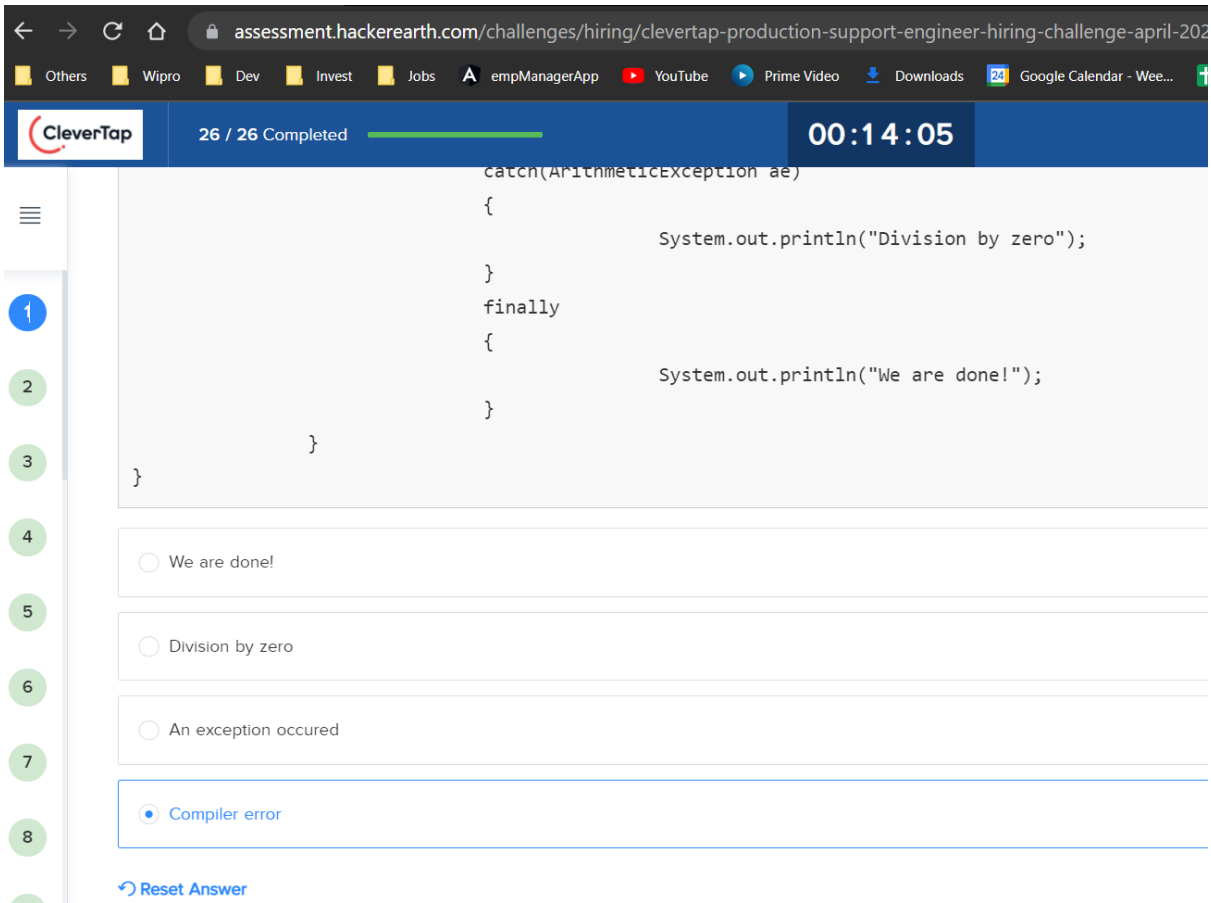
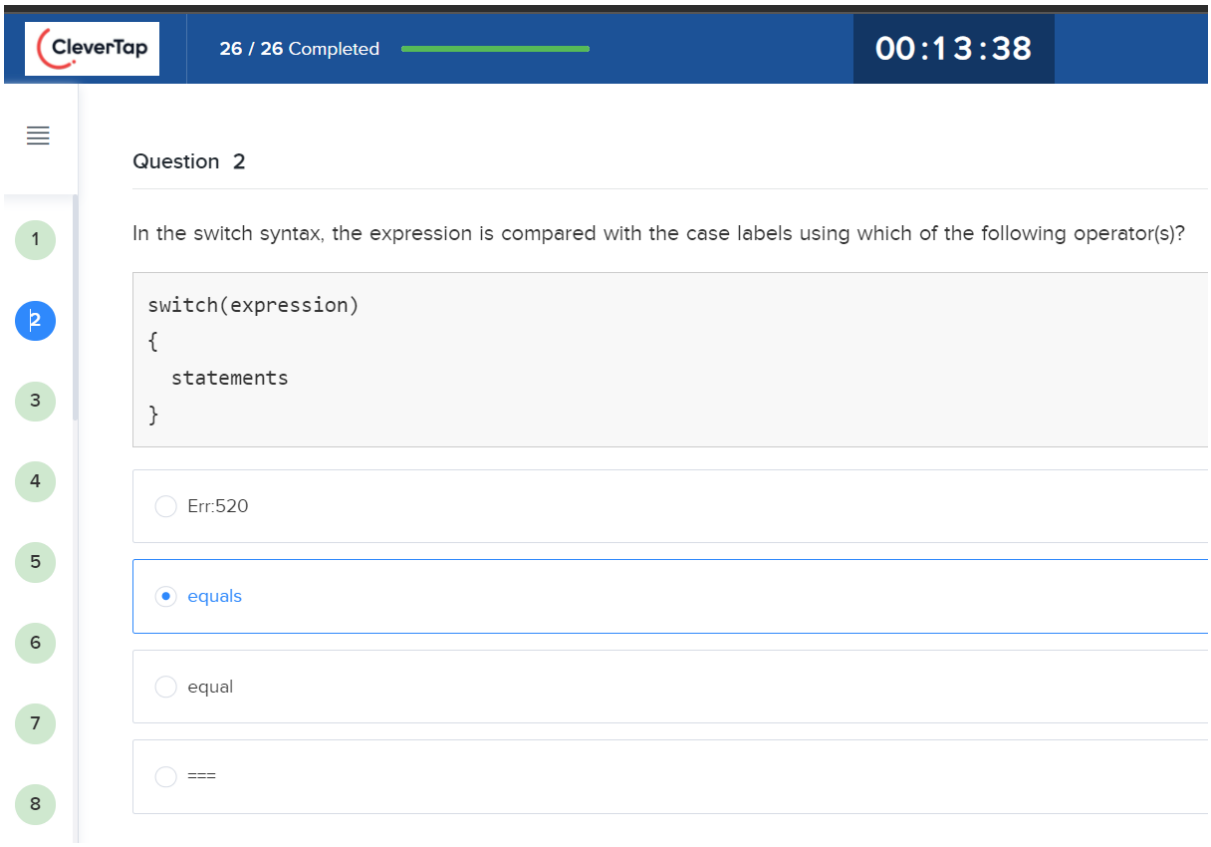
1

```
public class EH
{
                public static void main(String args[])
                {
                                int divisor =0;
                                int dividend = 11;

                                try
                                {
                                                int result=dividend/divisor;
                                                System.out.println("The result is "+result);
                                }
                                catch(Exception e)
                                {
                                                System.out.println("An exception occured");
                                }
                                catch(ArithmeticException ae)
                                {
                                                System.out.println("Division by zero");
                                }
                                finally
                                {
```



2


CleverTap
26 / 26 Completed
00:13:38
Question 2
In the switch syntax, the expression is compared with the case labels using which of the following operator(s)?
switch(expression)
{
statements
}
Err:520
equals
equal
===
1
2
3
4
5
6
7
8

3

Question 3

Which function will be called and what will be the output of the program?

```
public class Test {
    public static void main(String[] args) {
        foo(null);
    }
    public static void foo(Object o) {
        System.out.println("Object argument");
    }
    public static void foo(String s) {
        System.out.println("String argument");
    }
}
```

- Method with String argument

Question 4

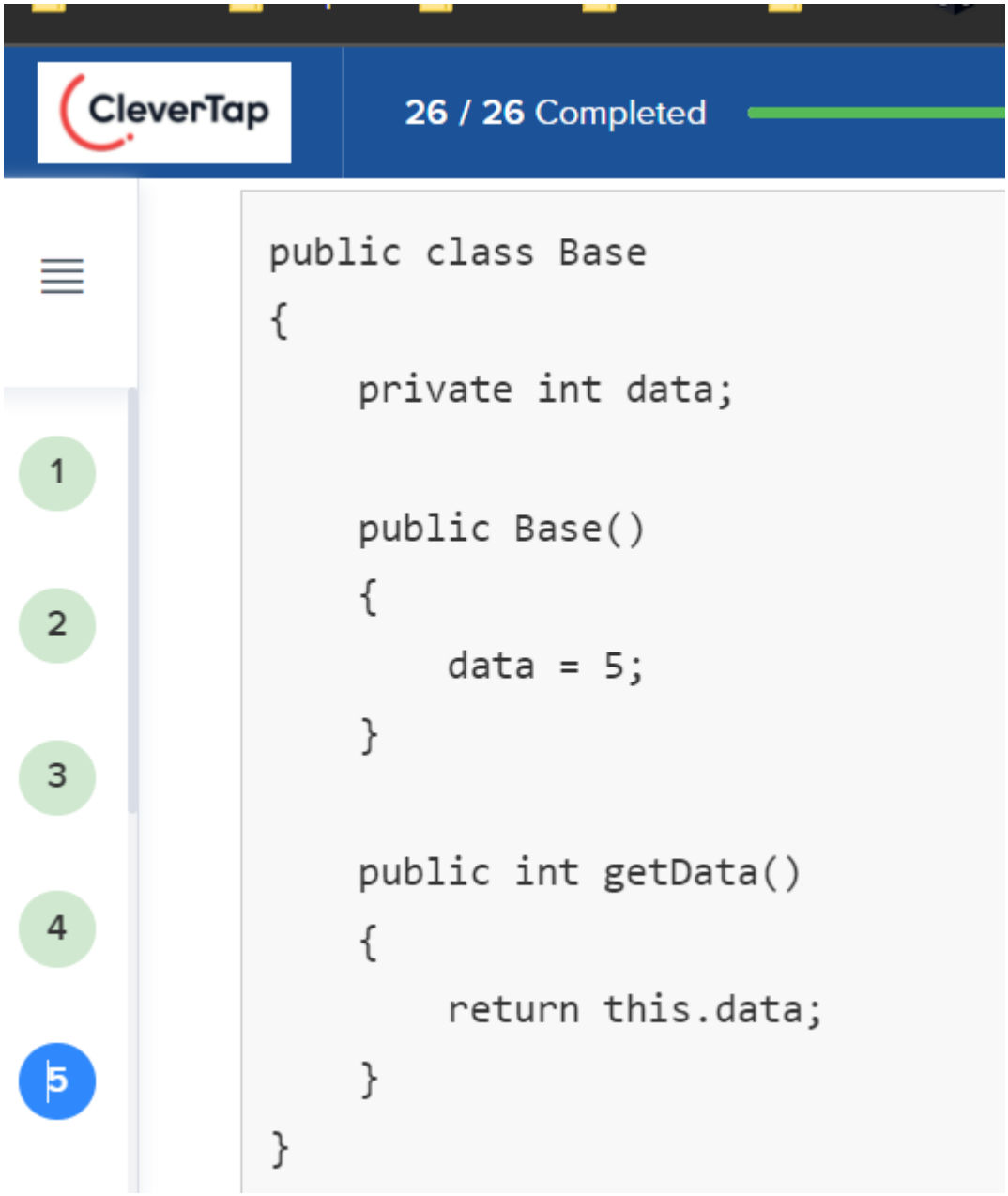
In Java, which of the following variable declarations would NOT compile?

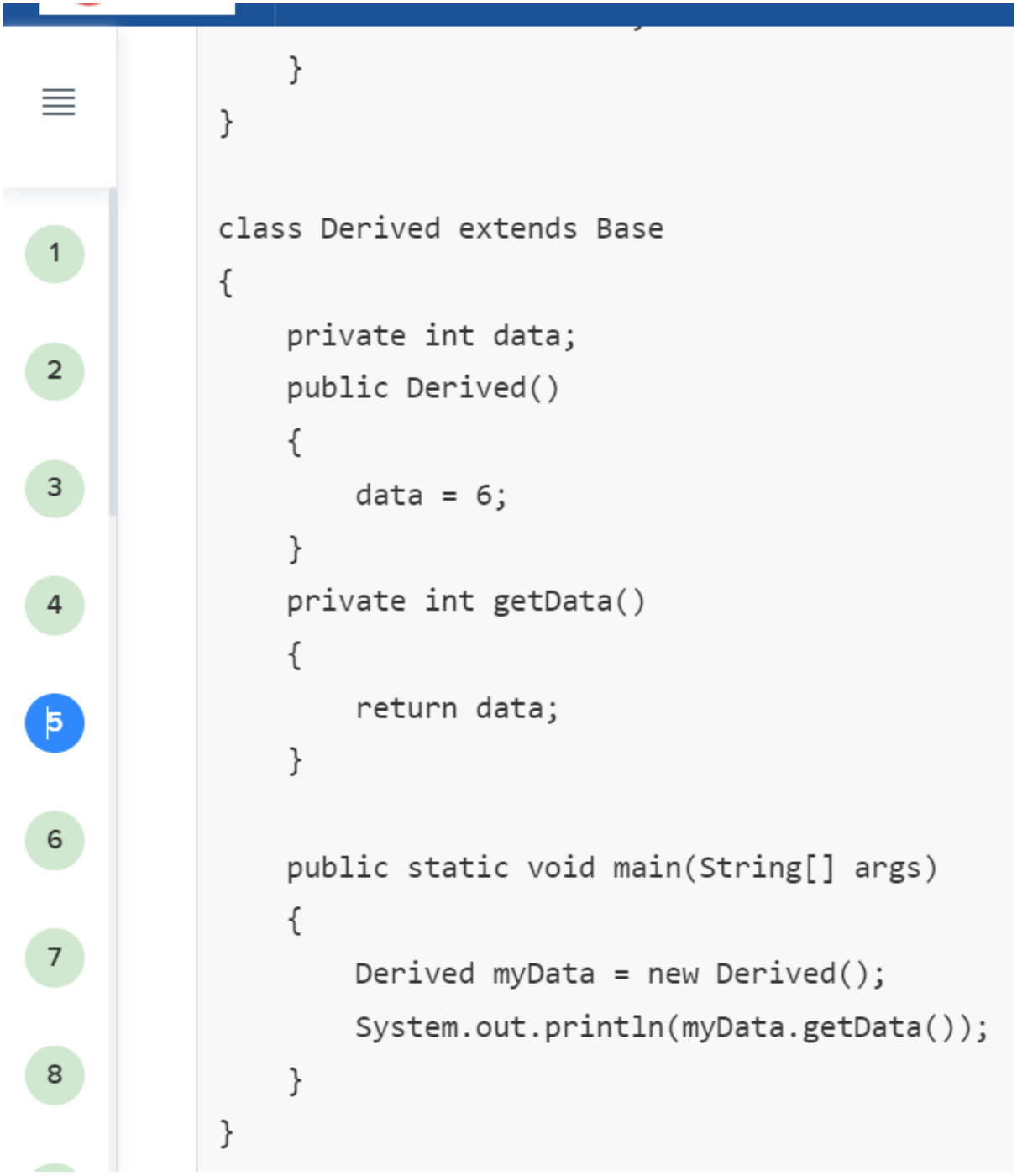
- int var
- Int VAR
- nt test1
- Int 1_test

Reset Answer

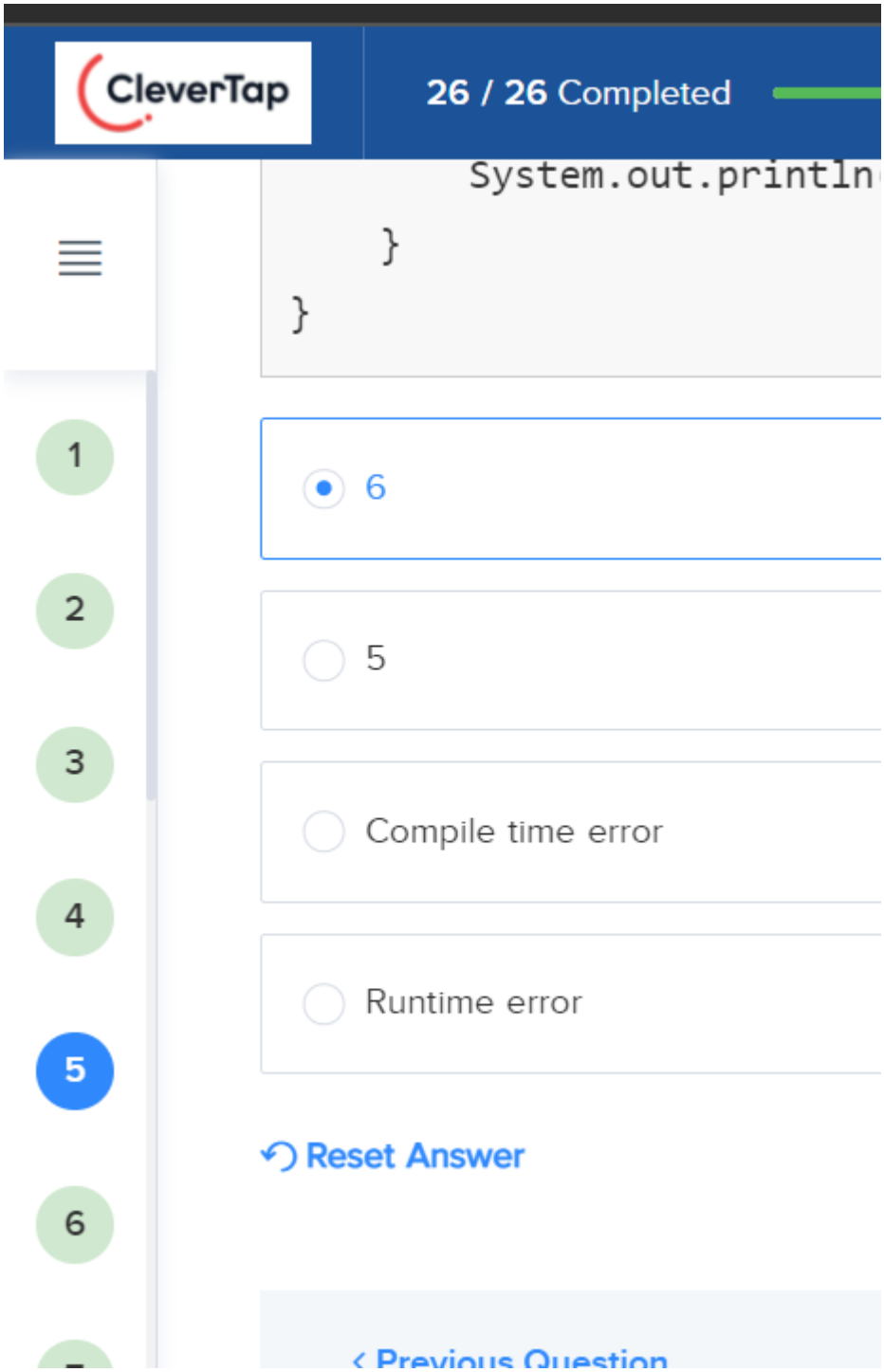
1 2 3 4 5 6

5


CleverTap
26 / 26 Completed
1
2
3
4
5
public class Base
{
private int data;
public Base()
{
data = 5;
}
public int getData()
{
return this.data;
}
}

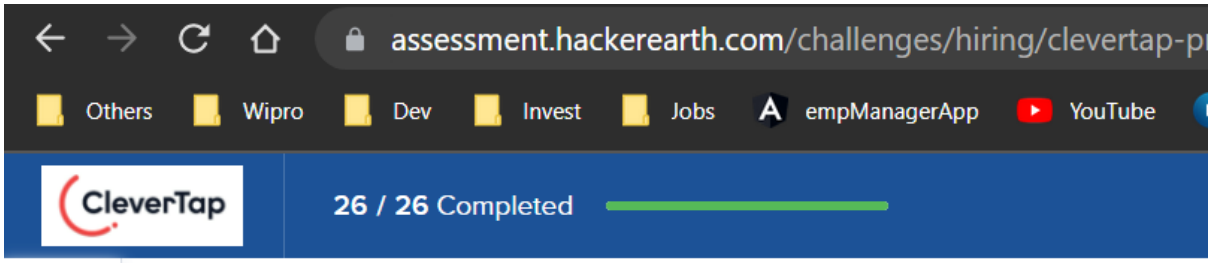


```
    }
}

class Derived extends Base
{
    private int data;
    public Derived()
    {
        data = 6;
    }
    private int getData()
    {
        return data;
    }

    public static void main(String[] args)
    {
        Derived myData = new Derived();
        System.out.println(myData.getData());
    }
}
```

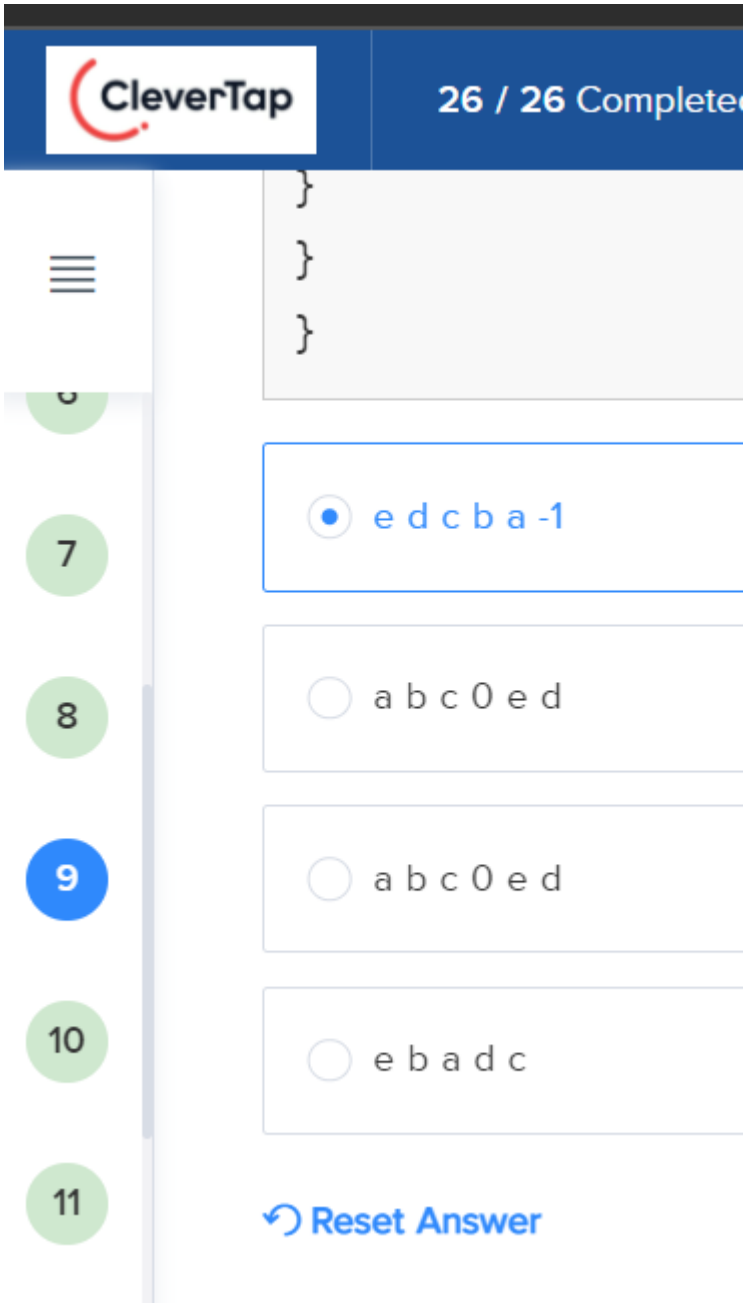

CleverTap
26 / 26 Completed
System.out.println
}
}
1
2
3
4
5
6
6
5
Compile time error
Runtime error
Reset Answer
Previous Question

```
public class Test implements Runnable
{
		public void run()
		{
				System.out.printf("TAX ");
		}
		public static void main(String[] args) throws InterruptedException
		{
				Thread thread1 = new Thread(new Test());
				thread1.start();
				thread1.start();
				System.out.println(thread1.getState());
		}
}
```

- TAX TAX TERMINATED
- TAX TERMINATED
- Compilation Error
- Runtime Error




```
import java.util.Arrays;
import java.util.Comparator;
public class ComparatorTest {
public static void main(String args[])
{
String[] ar= {“c”,”d”,”b”,”a”,”e”};
InnerClass in=new InnerClass();
Arrays.parallelSort(ar, in);
for(String str : ar)
System.out.println(str +””);
System.out.println(Arrays.binarySearch(ar, “b”));
}
static class InnerClass implements Comparator<String>
{
public int compare(String s1, String s2)
{
return s2.compareTo(s1);
}
}
}
```


CleverTap
26 / 26 Complete
}
}
}
7
8
9
10
11
e d c b a -1
a b c 0 e d
a b c 0 e d
e b a d c
Reset Answer

7

8

9

10

11

Question 10

What is the main difference between localStorage and sessionStorage?

- Lifetime
- Scope
- Both Lifetime and Scope
- Storage Location

Reset Answer


Question 11
Output for below code:
console.log(1 < 2 < 3)
console.log(3 > 2 > 1)
true true
true false
false true
false false
7
8
9
10
11
12

12

What would be the Prefix notation for the given equation?

13

A^B^C^D

14

15

^^^ABCD

16

^A^B^CD

17

ABCD^^^

18

AB^C^D

Question 13

12

What will be the output of the following Java program?

13

```
class exception_handling
            {
                        public static void main(String args[])
                        {
                                    try
                                    {
                                                System.out.print("Hello" + " " + 1 / 0);
                                    }
                                    catch(ArithmeticException e)
                                    {
                            System.out.print("World");
                                    }
                        }
            }
```

14

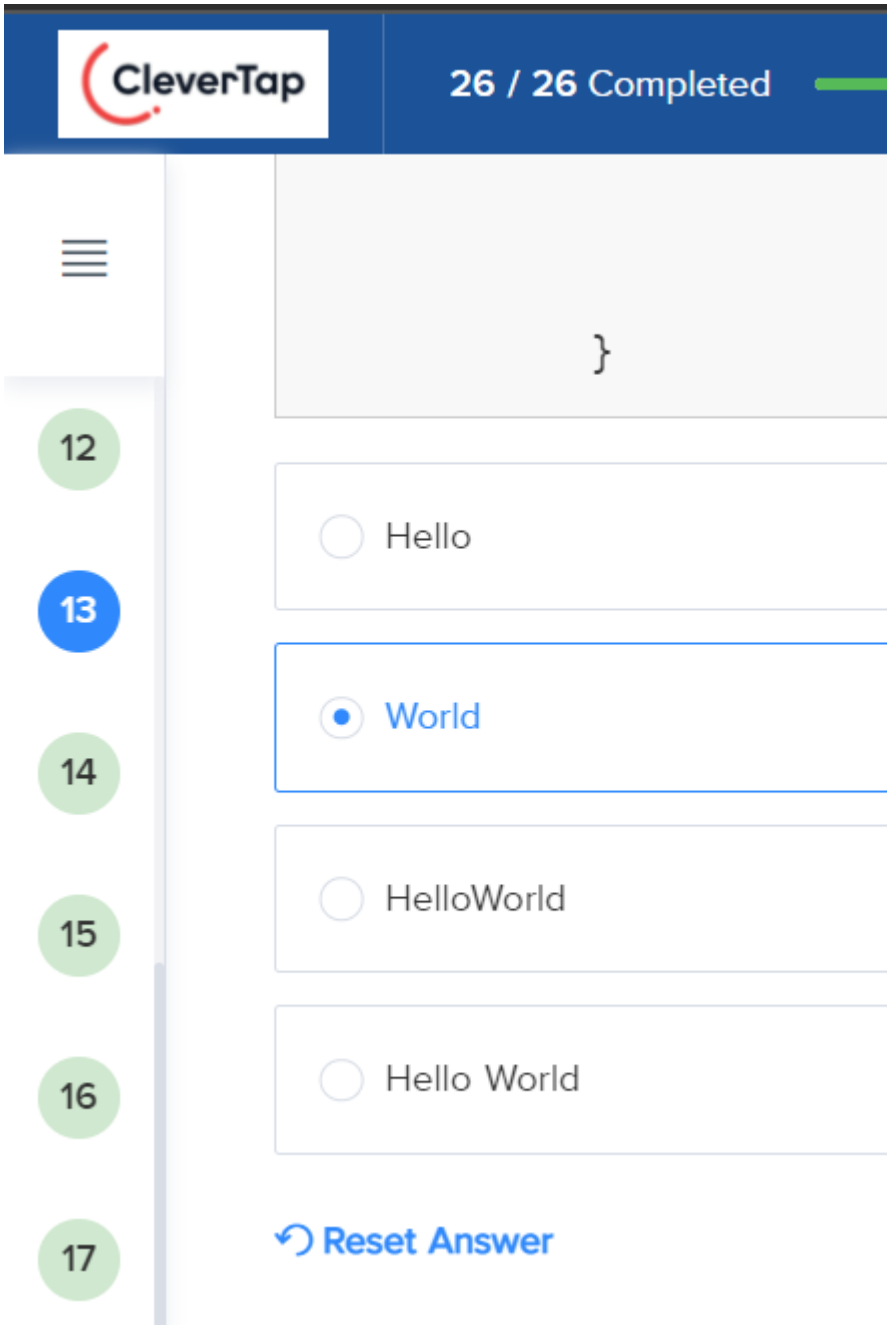
15

16

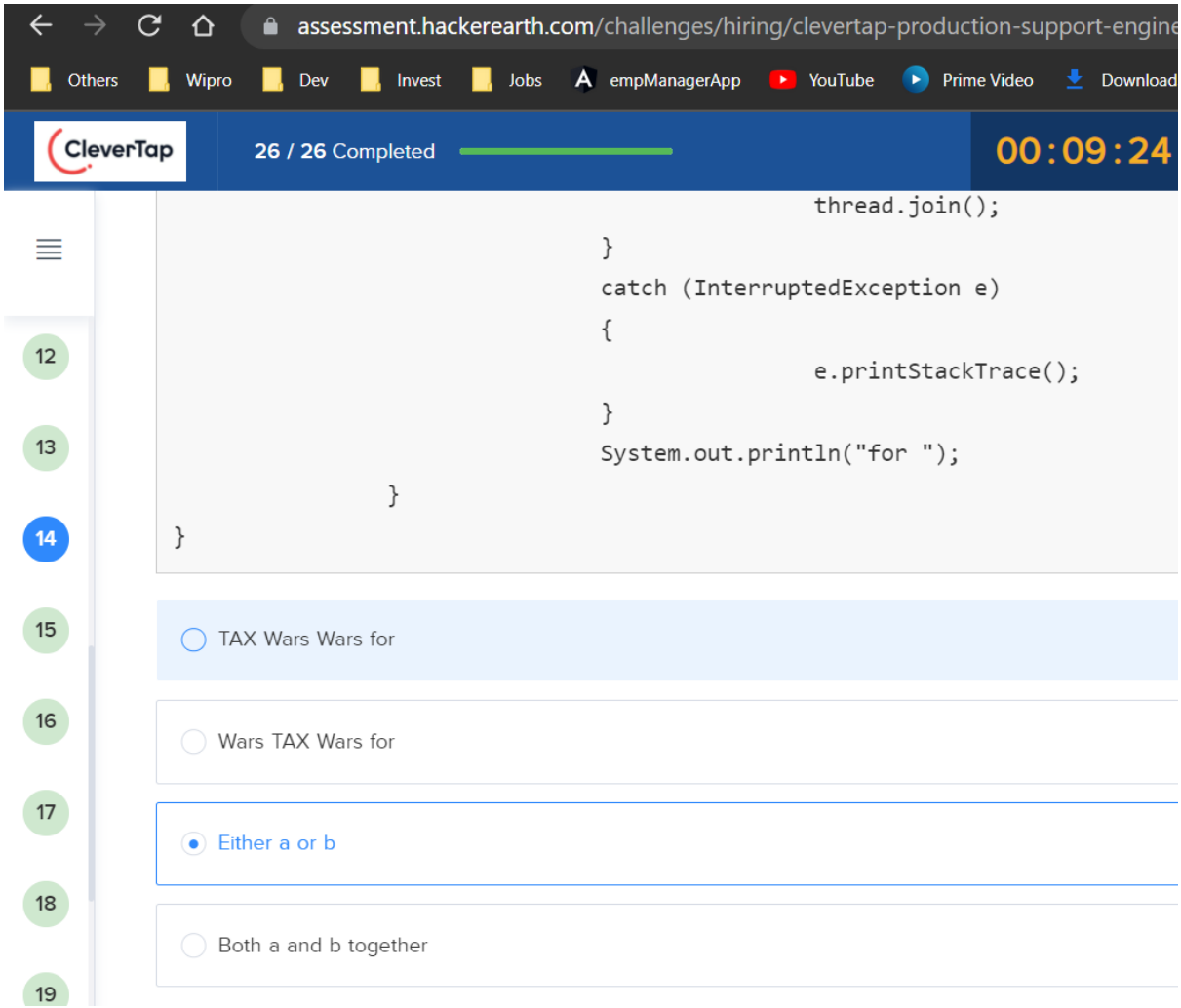
17

18

19


CleverTap
26 / 26 Completed
}
12
13
14
15
16
17
Hello
World
HelloWorld
Hello World
Reset Answer

```
public class Test implements Runnable
{
                public void run()
                {
                                System.out.printf("TAX ");
                                System.out.printf("Wars ");
                }
                public static void main(String[] args)
                {
                                Test obj = new Test();
                                Thread thread = new Thread(obj);

                                thread.start();
                                System.out.printf("Wars ");
                                try
                                {
                                                thread.join();
                                }
                                catch (InterruptedException e)
                                {
                                                e.printStackTrace();
                                }
```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Others
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Jobs
empManagerApp
YouTube
Prime Video
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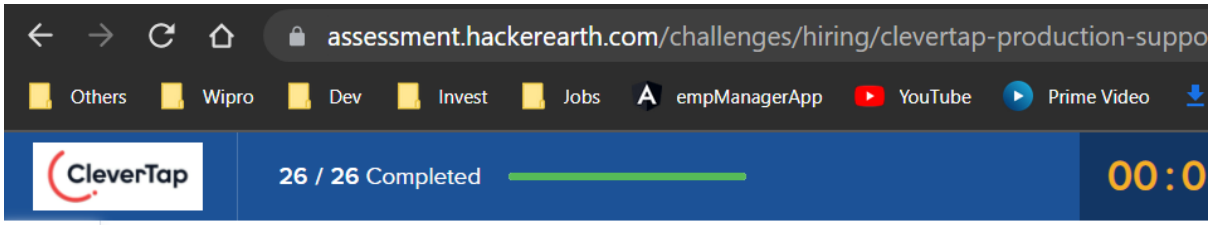
CleverTap
26 / 26 Completed
00:09:24
thread.join();
}
catch (InterruptedException e)
{
e.printStackTrace();
}
System.out.println("for ");
}
}
12
13
14
15
16
17
18
19
TAX Wars Wars for
Wars TAX Wars for
Either a or b
Both a and b together

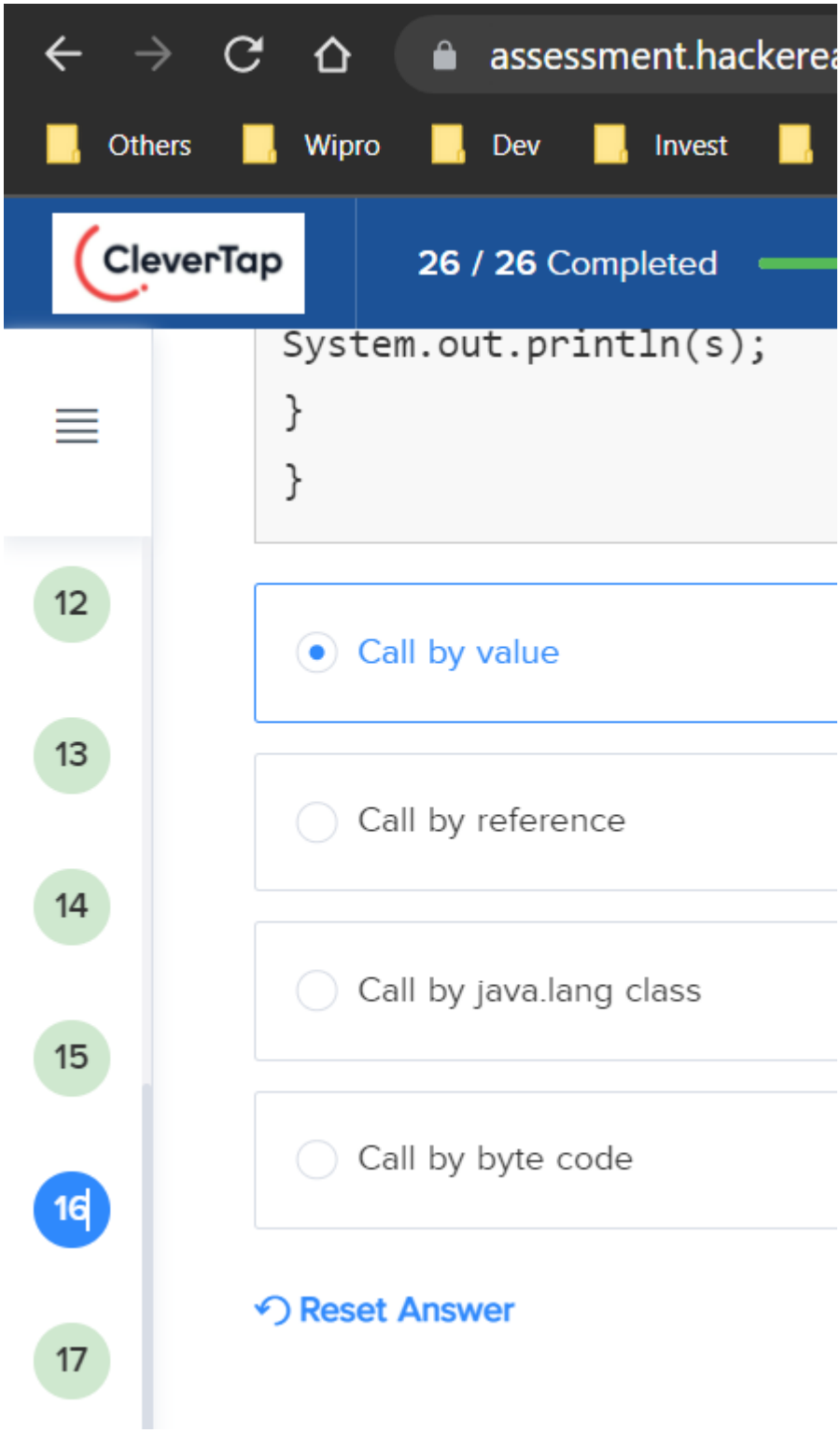
```
public class testmeth
{
static int i = 1;
public static void main(String args[])
{
System.out.println(i+" , ");
m(i);
System.out.println(i);
}
public void m(int i)
{
i += 2;
}
}
```

- 1, 3
- 3, 1
- 1, 1



What would the argument passing method be which is used by the below Program?

```
import java.util.LinkedHashSet;
import java.util.Set;
public class LinkedHashSetTest {
public static void main (String args[])
{
Set s=new LinkedHashSet();
s.add("1");
s.add(1);
s.add(3);
s.add(2);
System.out.println(s);
}
}
```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Others
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CleverTap
26 / 26 Completed
System.out.println(s);
}
}
12
13
14
15
16
17
Call by value
Call by reference
Call by java.lang class
Call by byte code
Reset Answer

```
import java.util.LinkedHashSet;
import java.util.Set;
public class LinkedHashSetTest {
public static void main (String args[])
{
Set s=new LinkedHashSet();
s.add("1");
s.add(1);
s.add(3);
s.add(2);
System.out.println(s);
}
}
```

17

- [1, 2, 2 3]
- [1, 1, 2, 3]
- [1, 1, 3, 2]

What should be the execution order, if a class has a method, static block, instance block, and constructor, as shown below?

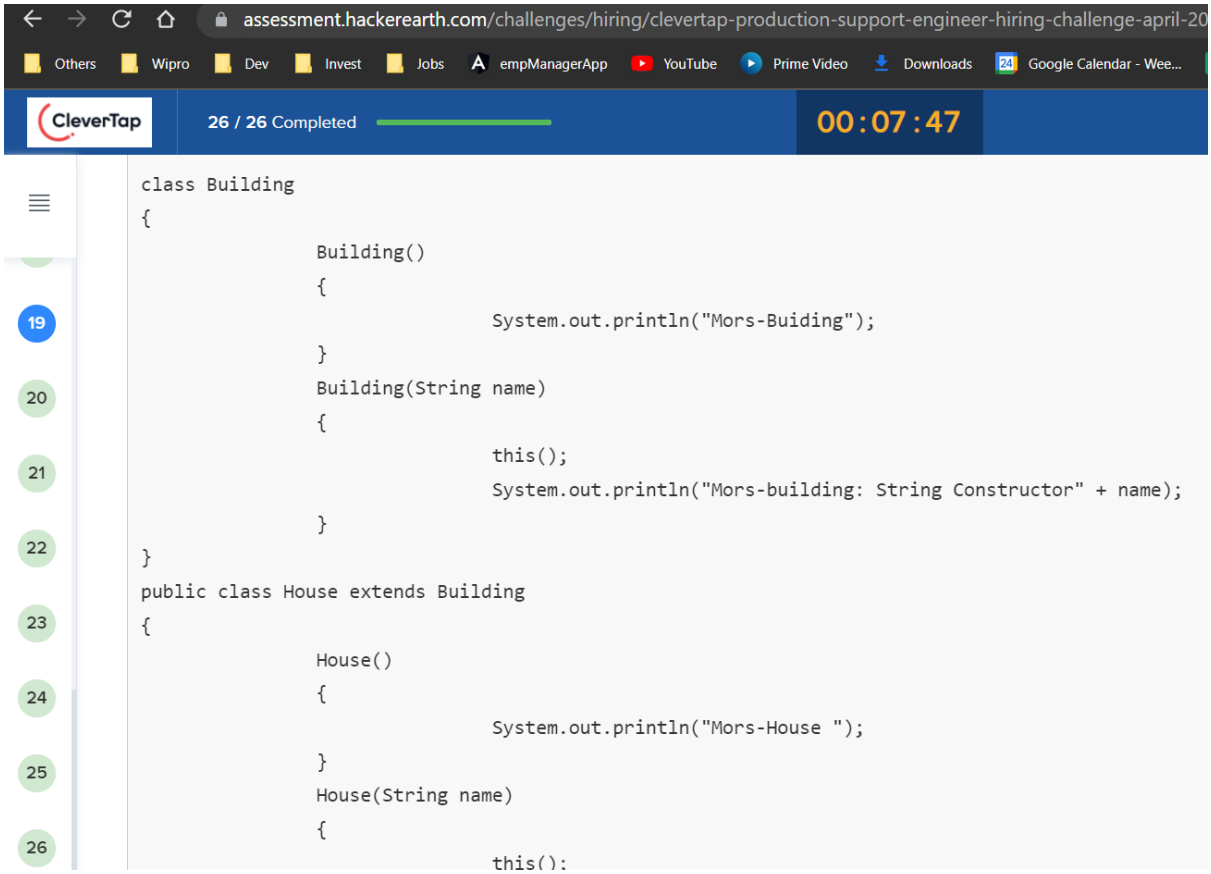
```
public class First_C {
                        public void myMethod()
                {
                System.out.println("Method");
                }

                {
                System.out.println(" Instance Block");
                }

                public void First_C()
                {
                System.out.println("Constructor ");
                }
                static {
                                System.out.println("static block");
                }
                public static void main(String[] args) {
                First_C c = new First_C();
```

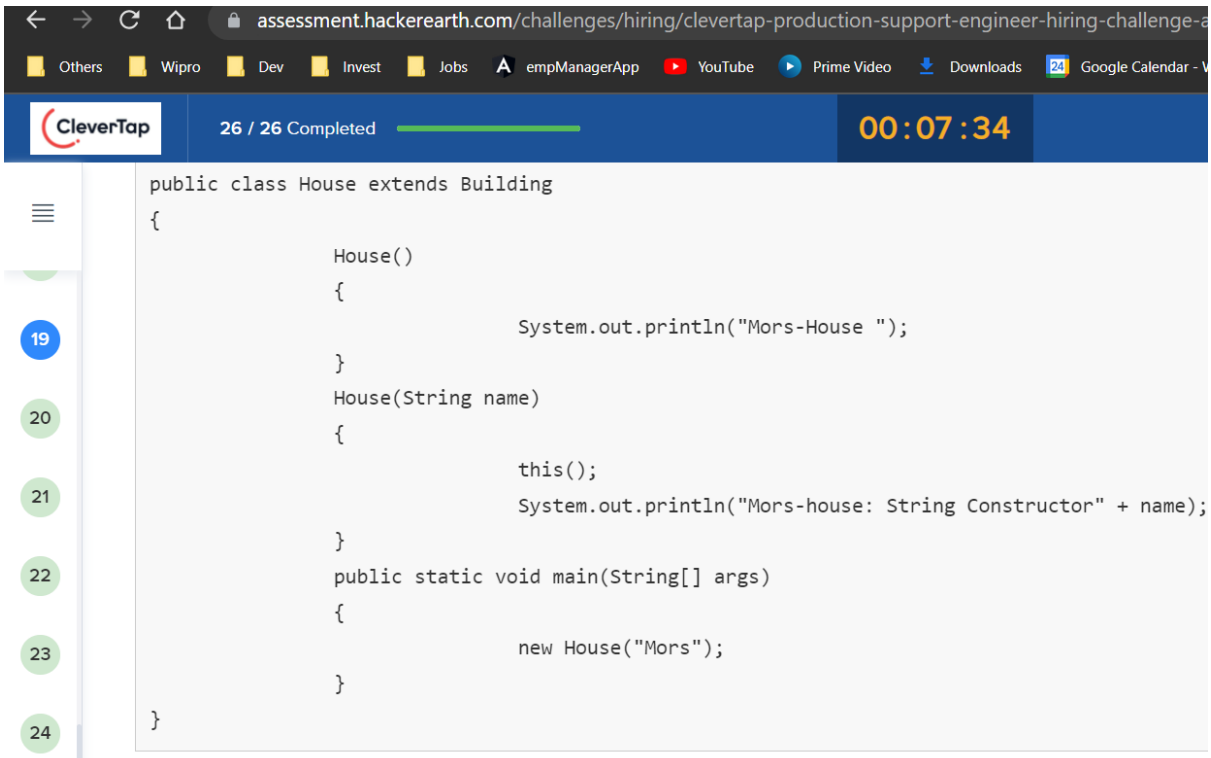


```
                static {
                                System.out.println("static block");
                }
                public static void main(String[] args) {
                First_C c = new First_C();
                c.First_C();
                c.myMethod();
        }
}
```

- ○ Instance block, method, static block, and constructor
- ○ Method, constructor, instance block, and static block
- ○ Static block, method, instance block, and constructor
- ● Static block, instance block, constructor, and method

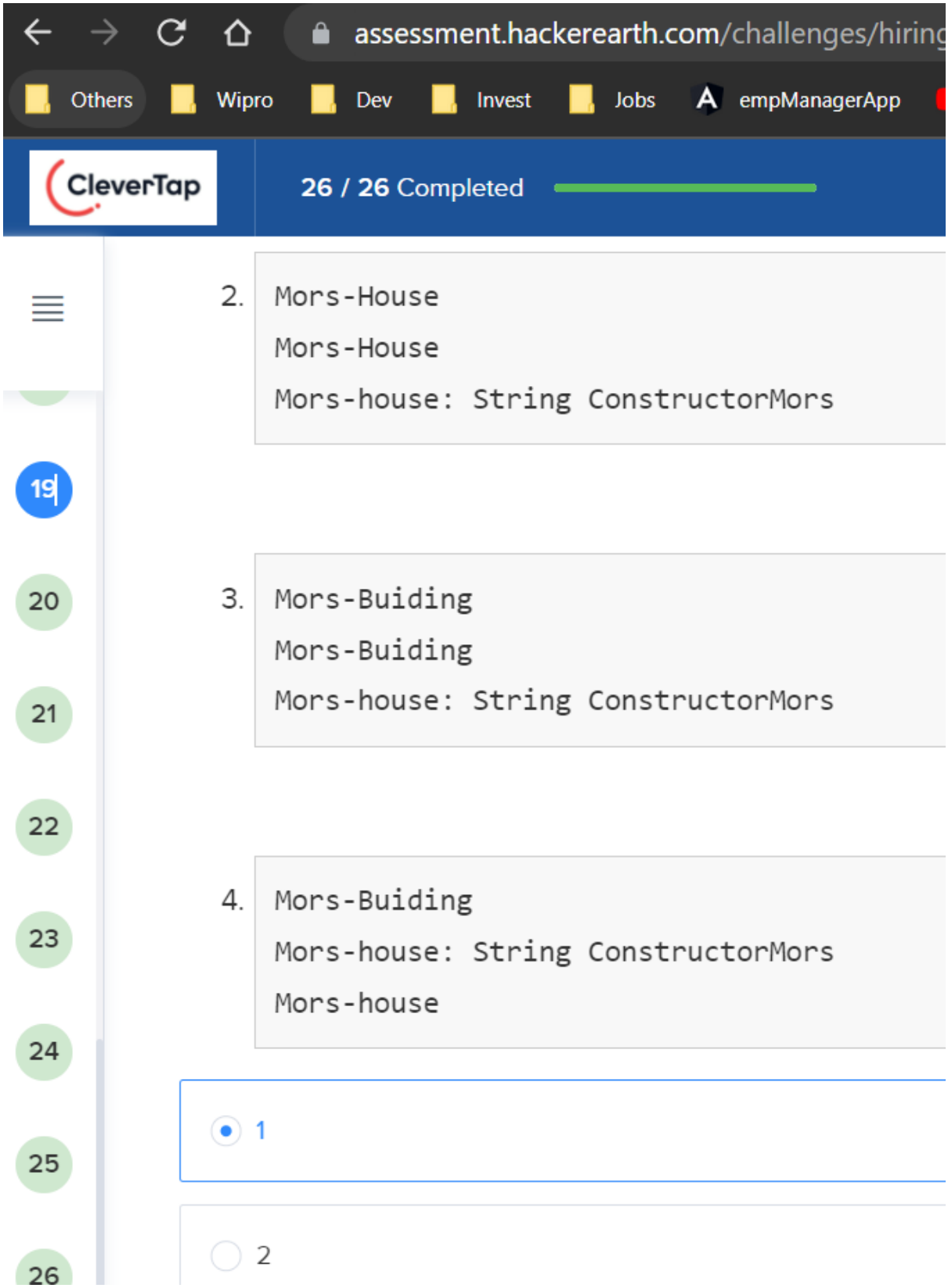
Reset Answer





Output

```
Mors-Buiding
Mors-House
Mors-house: String ConstructorMors
```


assessment.hackerearth.com/challenges/hiring
Others
Wipro
Dev
Invest
Jobs
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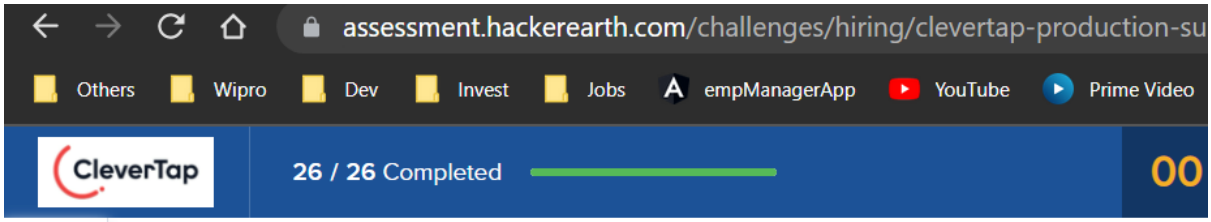
CleverTap
26 / 26 Completed
2.
Mors-House
Mors-House
Mors-house: String ConstructorMors
19
3.
Mors-Buiding
Mors-Buiding
Mors-house: String ConstructorMors
20
21
22
4.
Mors-Buiding
Mors-house: String ConstructorMors
Mors-house
23
24
1
25
2
26



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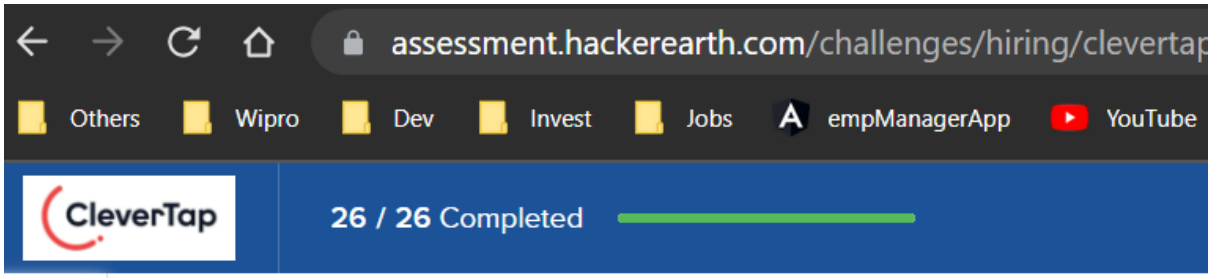
24

Question 20

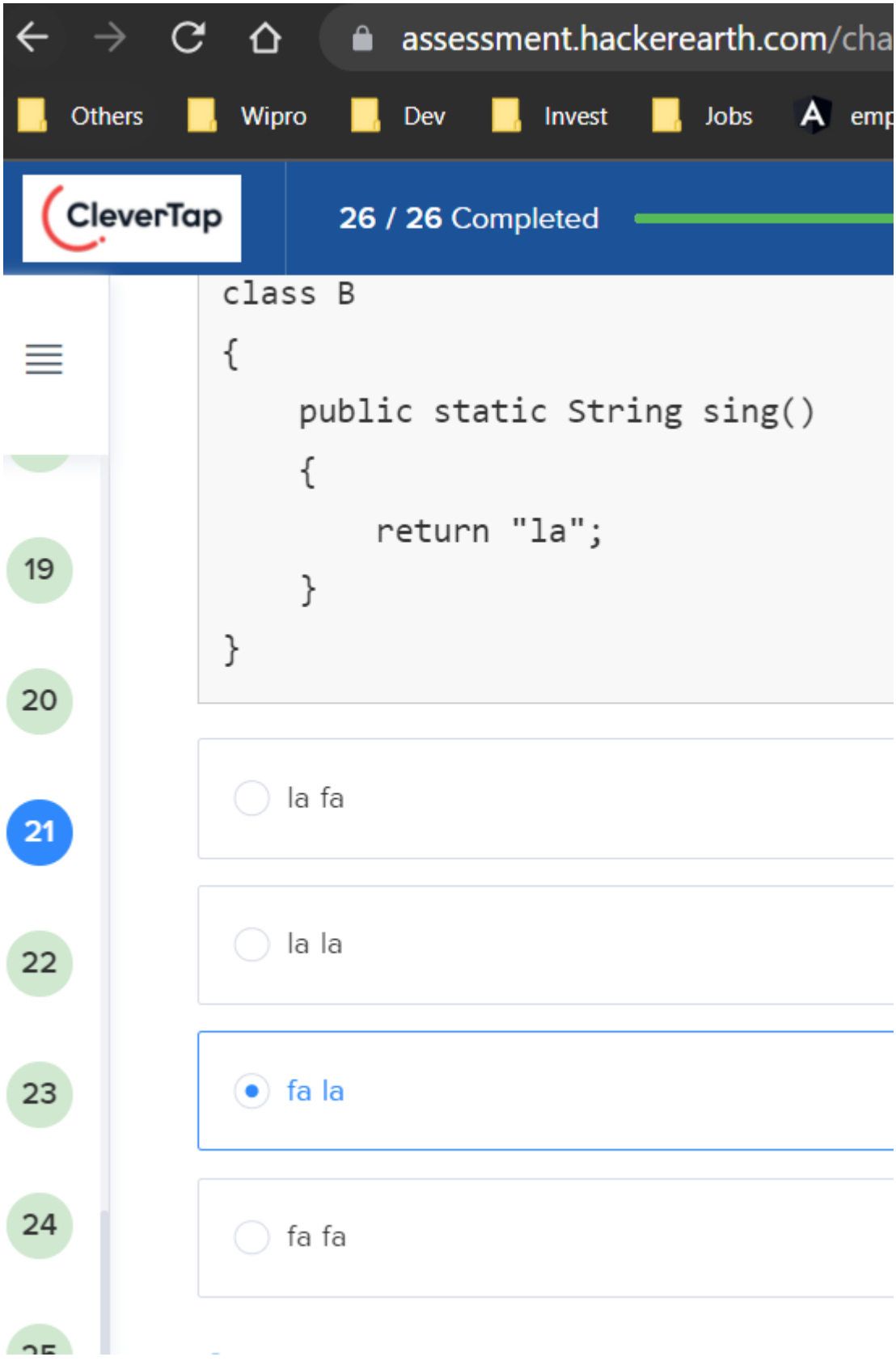
Which statement is not true in the Java language?

- A public member of a class can be accessed in all the packages.
- A private member of a class cannot be accessed by the methods of the same class.
- A private member of a class cannot be accessed from its derived class.
- A protected member of a class can be accessed from its derived class.

Reset Answer




```
public class A extends B
{
    public static String sing()
    {
        return "fa";
    }
    public static void main(String[] args)
    {
        A a = new A();
        B b = new A();
    System.out.println(a.sing() + " " + b.sing());
    }
}
class B
{
    public static String sing()
    {
        return "la";
    }
}
```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CleverTap
26 / 26 Completed
class B
{
public static String sing()
{
return "la";
}
}
19
20
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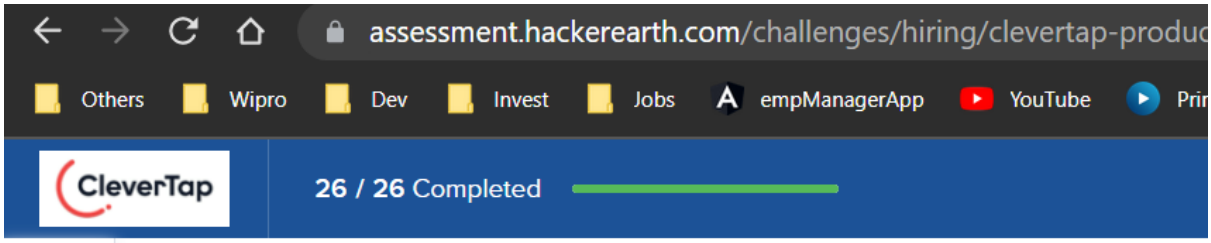
23
24
la fa
la la
fa la
fa fa



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26

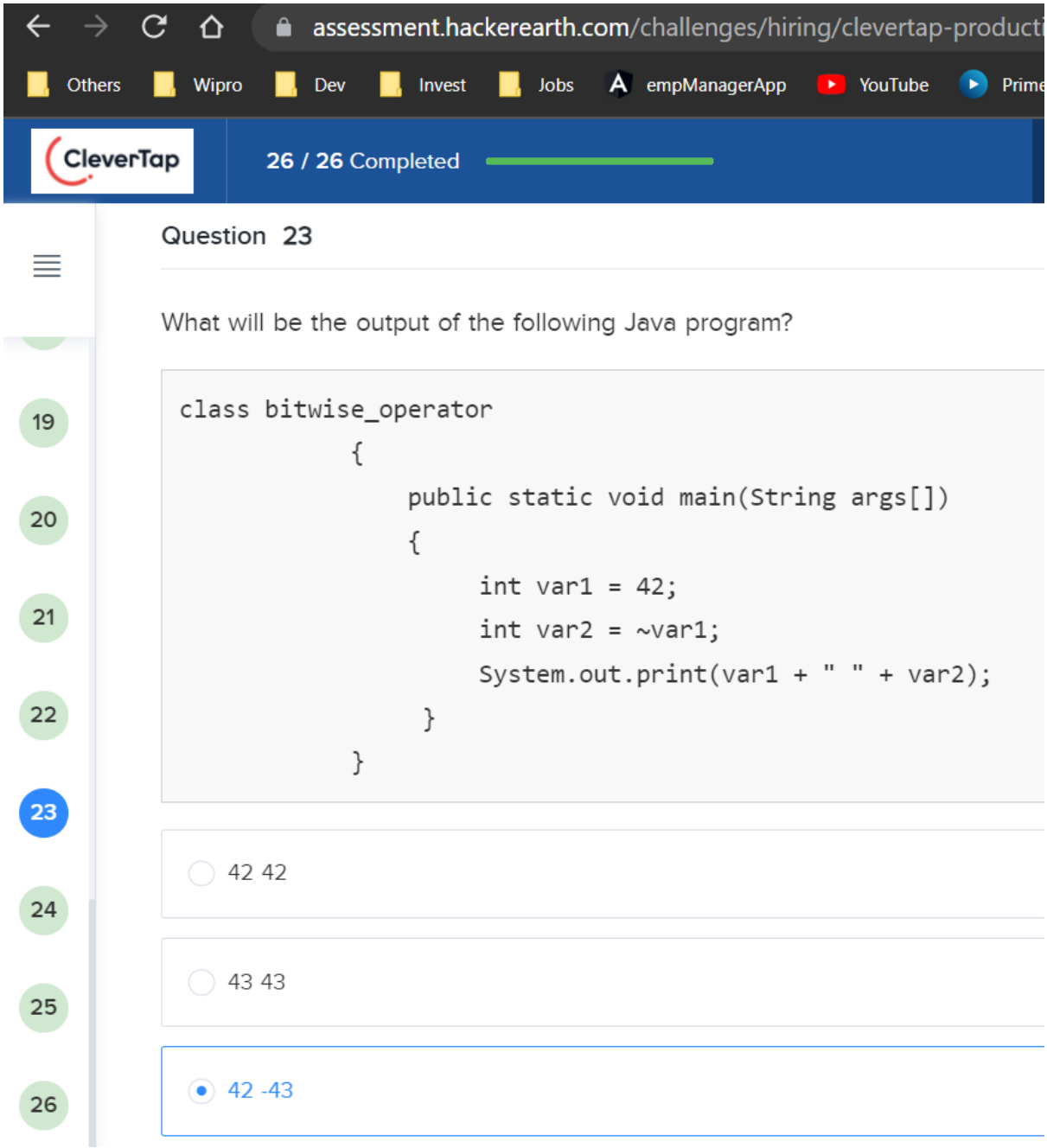
Question 22

Consider the following code

```
Rectangle r1 = new Rectangle();
r1.setColor(Color.blue);
Rectangle r2 = r1;
r2.setColor(Color.red);
```

After the above piece of code is executed, what are the colors of r1 and r2 (in this order)?

- Color.blue, Color.red
- Color.blue, Color.blue
- Color.red, Color.red
- Color.red, Color.blue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CleverTap
26 / 26 Completed
Question 23
What will be the output of the following Java program?
class bitwise_operator
{
public static void main(String args[])
{
int var1 = 42;
int var2 = ~var1;
System.out.print(var1 + " " + var2);
}
}
19
20
21
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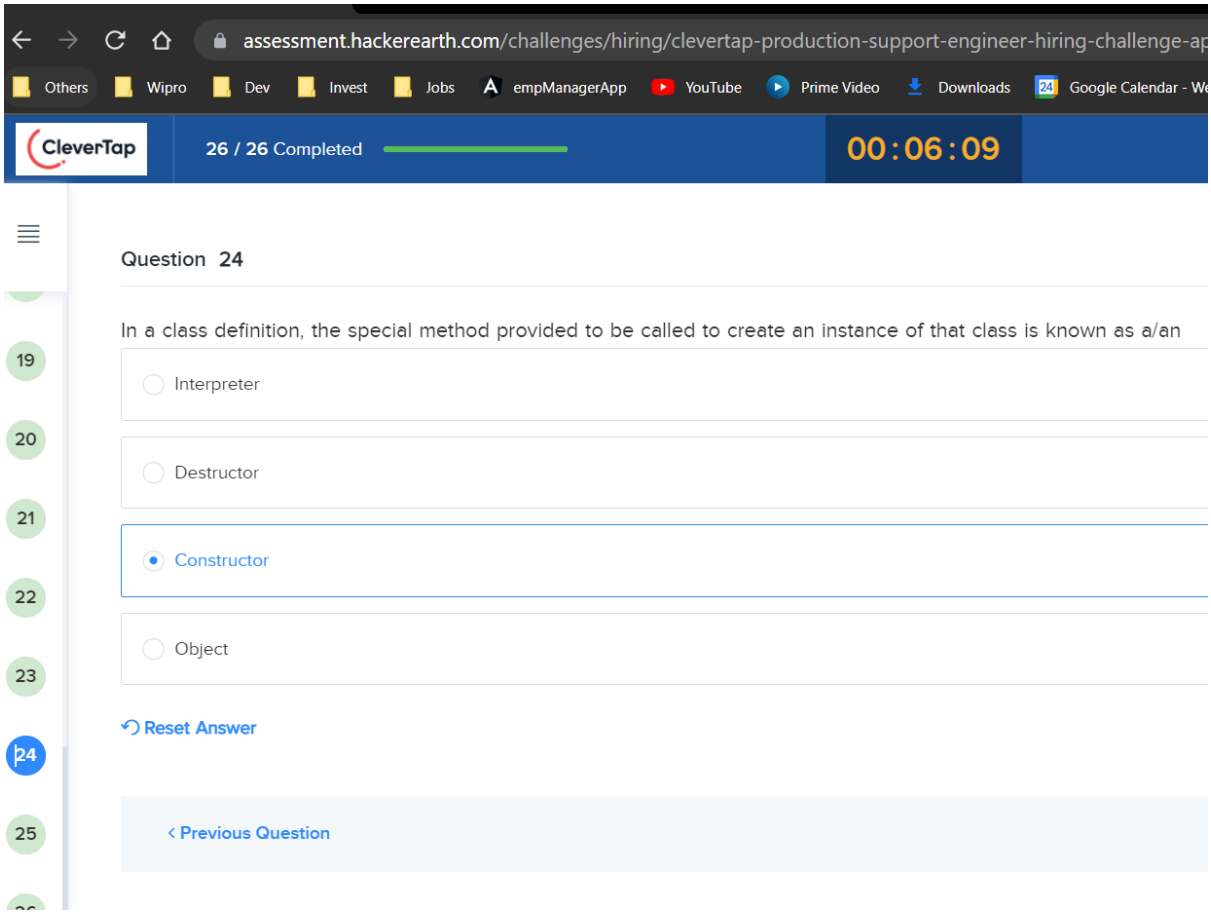
24
25
26
42 42
43 43
42 -43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26 / 26 Completed
00:06:09
Question 24
In a class definition, the special method provided to be called to create an instance of that class is known as a/an
Interpreter
Destructor
Constructor
Object
Reset Answer
19
20
21
22
23
24
25
Previous Question

Question 25

Consider the following statements:

1. A class can be declared as both abstract and final.
2. A class declared as final can be extended by defining a sub-class.
3. Resolving calls to methods dynamically at run-time is called late binding.
4. The class Object defined by Java need not be a superclass of all other classes.

Identify the correct statement from the following:

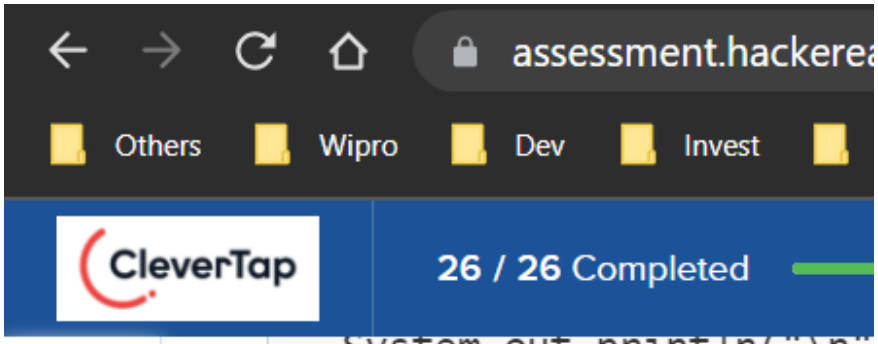
- ○ Both 1 and 2 above
- ◉ Only 3 above.
- ○ Both 1 and 3 above
- ○ Both 2 and 4 above

```
import java.util.*;

public class priorityQueue {
 public static void main(String[] args)
 {
  PriorityQueue<Integer> queue
   = new PriorityQueue<>();
  queue.add(11);
  queue.add(10);
  queue.add(22);
  queue.add(5);
  queue.add(12);
  queue.add(2);

  while (queue.isEmpty() == false)
   System.out.printf("%d ", queue.remove());

  System.out.println("\n");
 }
}
```




```
  System.out.println("\n"
 }
}
```

- 11 10 22 5 12 2
- 2 12 5 22 10 11
- 2 5 10 11 12 22
- 22 12 11 10 5 2

Reset Answer

< Previous Question

19 20 21 22 23 24 25 26