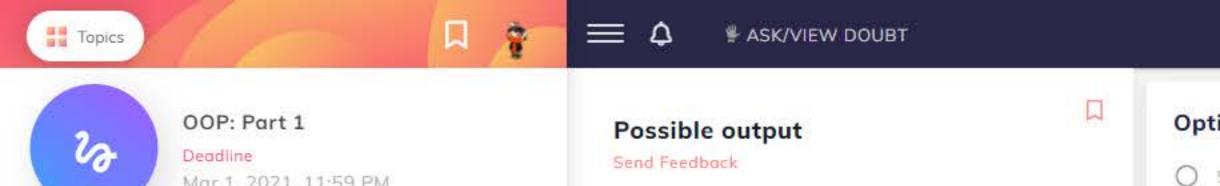


Constructors





- Daniel Control		1100
2	OOP: Part 1 Deadline Mar 1, 2021, 11:59 PM	
-	Fredret tre output =	
•	Find the error •	10.0/10
A	Possible output •	10.0/10
D	Access Modifiers	
A	Access Modifiers •	10.0/10
A	Check for error	10.0/10
•	Predict the output •	10.0/10
Þ	Getters and Setters	
A	Predict the output	10.0/10
•	Fill the output •	10.0/10
D	This Keyword	
A	Fill the output •	10.0/10
•	Keyword •	10.0/10
D	Constructors	
-	Predict the output •	10.0/10

What can be the possible output of the following code? class Student{ int roll_no: String name; class Test { public static void main (String[] args) { Student s=new Student(); System.out.println(s);

Options

O 547a85bc

O [I@232204a1

⑤ Student@232204a1 ✓

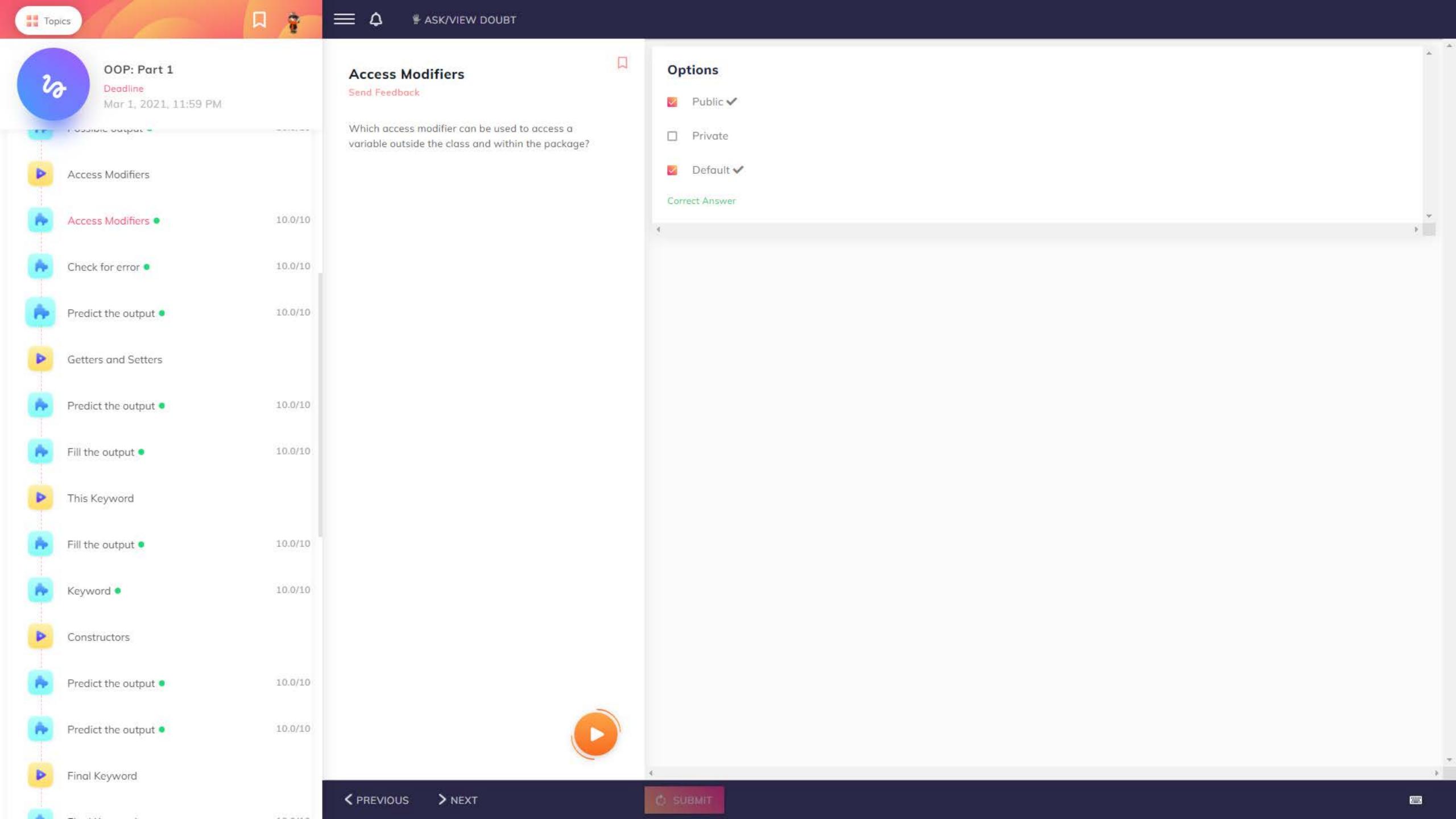
O Student@4578ig32

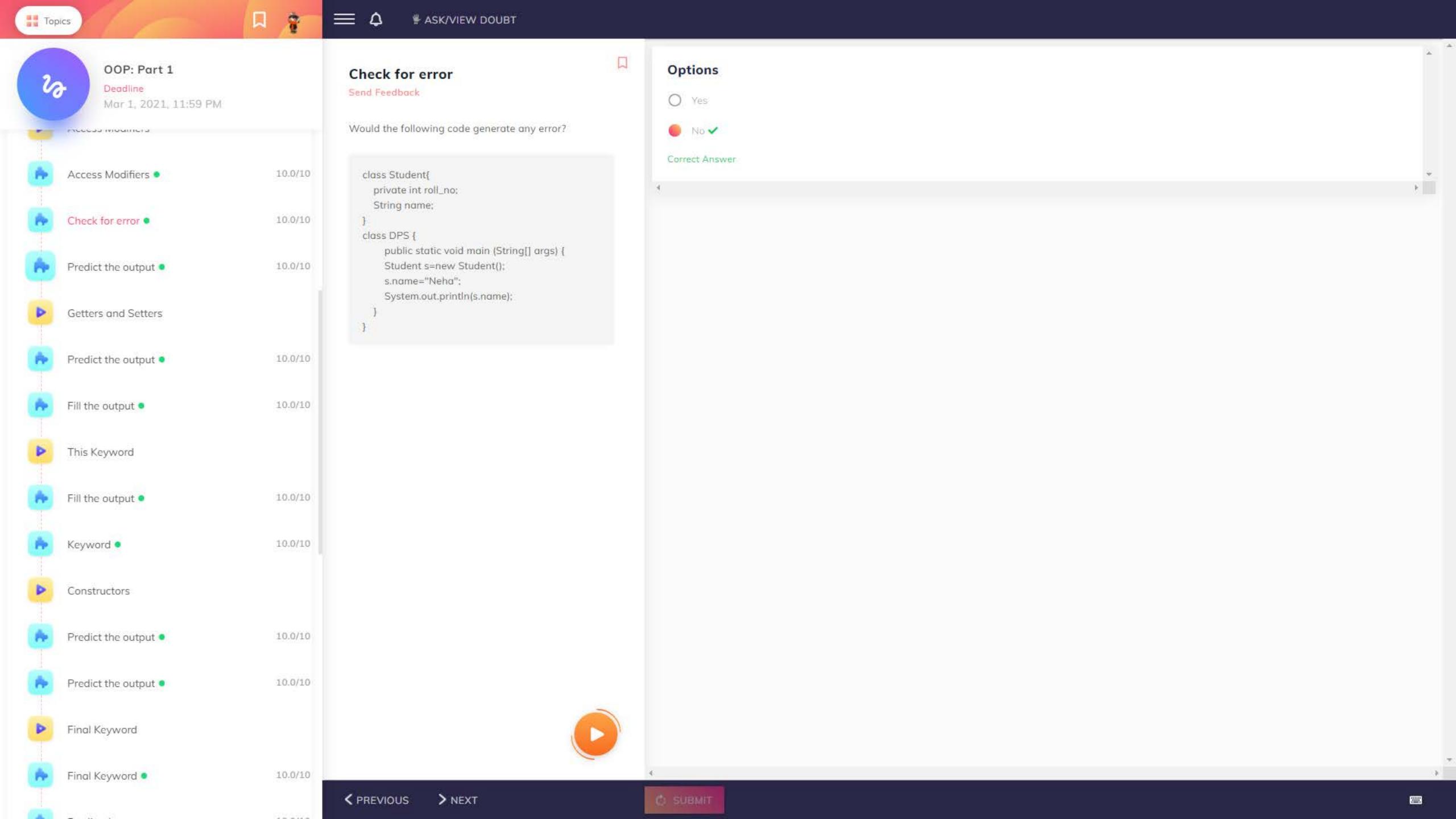
Correct Answer

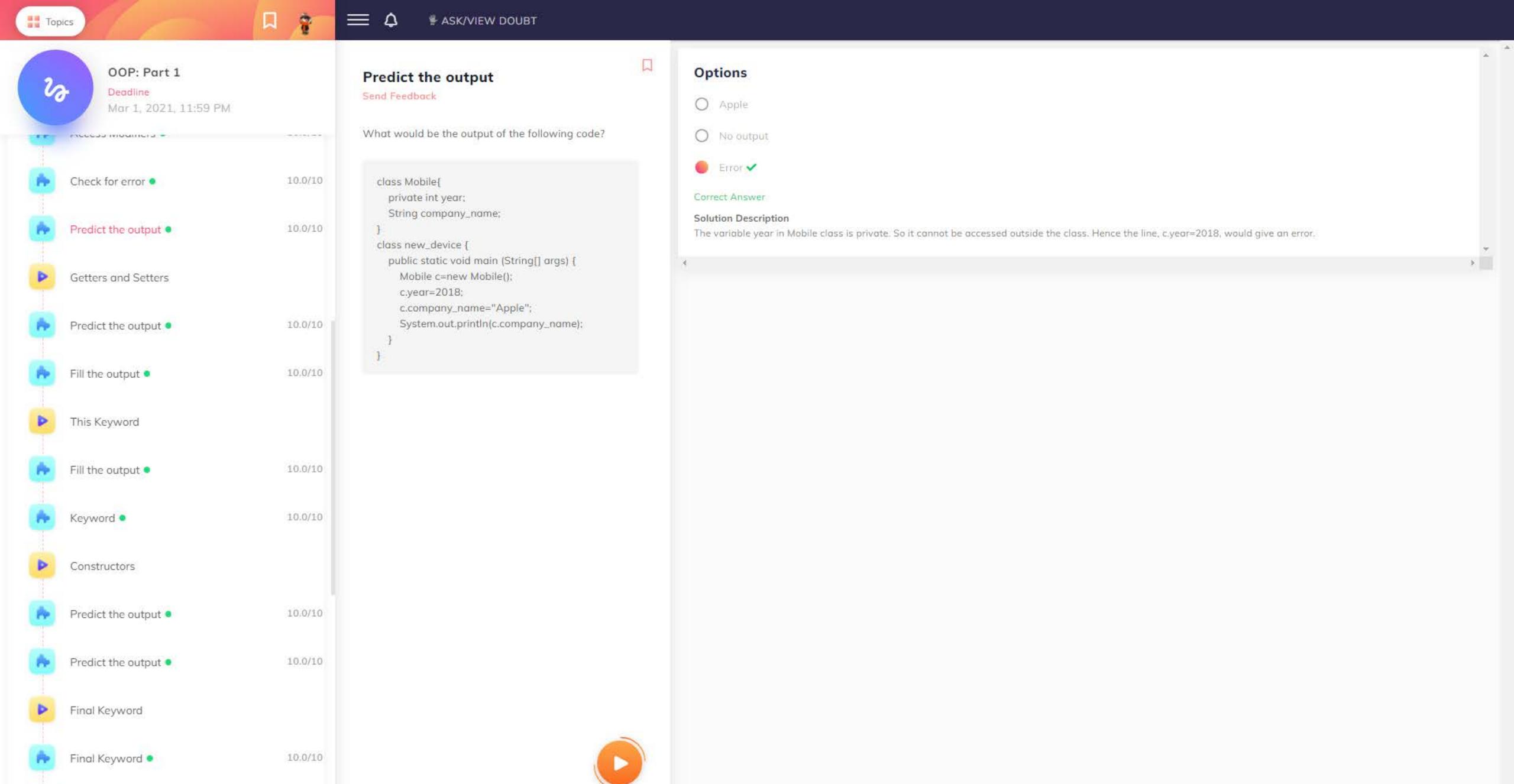
Solution Description

The class is of Type student and it would be followed by a hexadecimal code. So the address would be like Student@..... hexadecimal code. (Option 4 is not a hexadecimal code.)











10.0/10

Predict the output .





		/ 2
20	OOP: Part 1 Deadline Mar 1, 2021, 11:59 PM	
-	ricance one output -	
D	Getters and Setters	
A	Predict the output •	10.0/10
•	Fill the output •	10.0/10
D	This Keyword	
A	Fill the output •	10.0/10
A	Keyword •	10.0/10
D	Constructors	
A	Predict the output •	10.0/10
•	Predict the output •	10.0/10
D	Final Keyword	
A	Final Keyword •	10.0/10
•	Predict the output •	10.0/10
D	Static Keyword	
-	Predict the output •	10.0/10

Predict the output

Send Feedback

What will be the output of the following code? (Considering both the classes are in the same package).

```
class Employee{
 String name;
   private int emp_id;
 public void set_id(int id)
    if(id>0)
    emp_id=id;
    System.out.println("Invalid id");
  public int get_id()
    return emp_id;
class office (
 public static void main (String[] args) {
    Employee e=new Employee();
    e.set_id(10);
    System.out.println(e.get_id());
```

Options

10

0 0

O error

Correct Answer



Top	pics	M	1
20	OOP: Part 1 Deadline Mar 1, 2021, 11:59 PM		
-	detters and setters		
•	Predict the output •		10.0/10
A	Fill the output •		10.0/10
D	This Keyword		
A	Fill the output •		10.0/10
A	Keyword •		10.0/10
D	Constructors		
A	Predict the output •		10.0/10
A	Predict the output		10.0/10
D	Final Keyword		
A	Final Keyword •		10.0/10
A	Predict the output •		10.0/10
D	Static Keyword		
A	Predict the output •		10.0/10
A	Find the error •		10.0/10

Fill the output

Send Feedback

Fill the output of the following code.(Considering both the classes are in the same package.)

```
class Employee{
 String name;
   private int emp_id;
 public void set_id(int id)
    if(id>0)
    emp_id=id;
    else
    System.out.println("Invalid id");
 public int get_id()
    return emp_id;
  public void set_name(String n)
    name=n;
class Office {
 public static void main (String[] args) [
    Employee e=new Employee();
    e.set_id(10);
    e.set_name("Naman");
    System.out.println(e.get_id()+" "+e.name):
```

Answer

Type here

10 Naman

Correct Answer



		//
20	OOP: Part 1 Deadline Mar 1, 2021, 11:59 PM	
-	rm are output =	*****
D	This Keyword	
A	Fill the output •	10.0/10
A	Keyword •	10.0/10
Þ	Constructors	
A	Predict the output •	10.0/10
A	Predict the output •	10.0/10
Þ	Final Keyword	
A	Final Keyword •	10.0/10
A	Predict the output •	10.0/10
D	Static Keyword	
A	Predict the output •	10.0/10
A	Find the error •	10.0/10
Þ	Static Functions	
•	Predict the output •	10.0/10

Fill the output

Send Feedback

What will be the output of the following code?

```
class Test
    int a;
    int b:
  public void set(int a, int b)
    b = a;
    this.b = b;
  void display()
    System.out.println("a="+a+"b="+b);
class T{
 public static void main(String[] args)
    Test object = new Test();
    object.set(10,20);
    object.display();
```

Answer

Type here

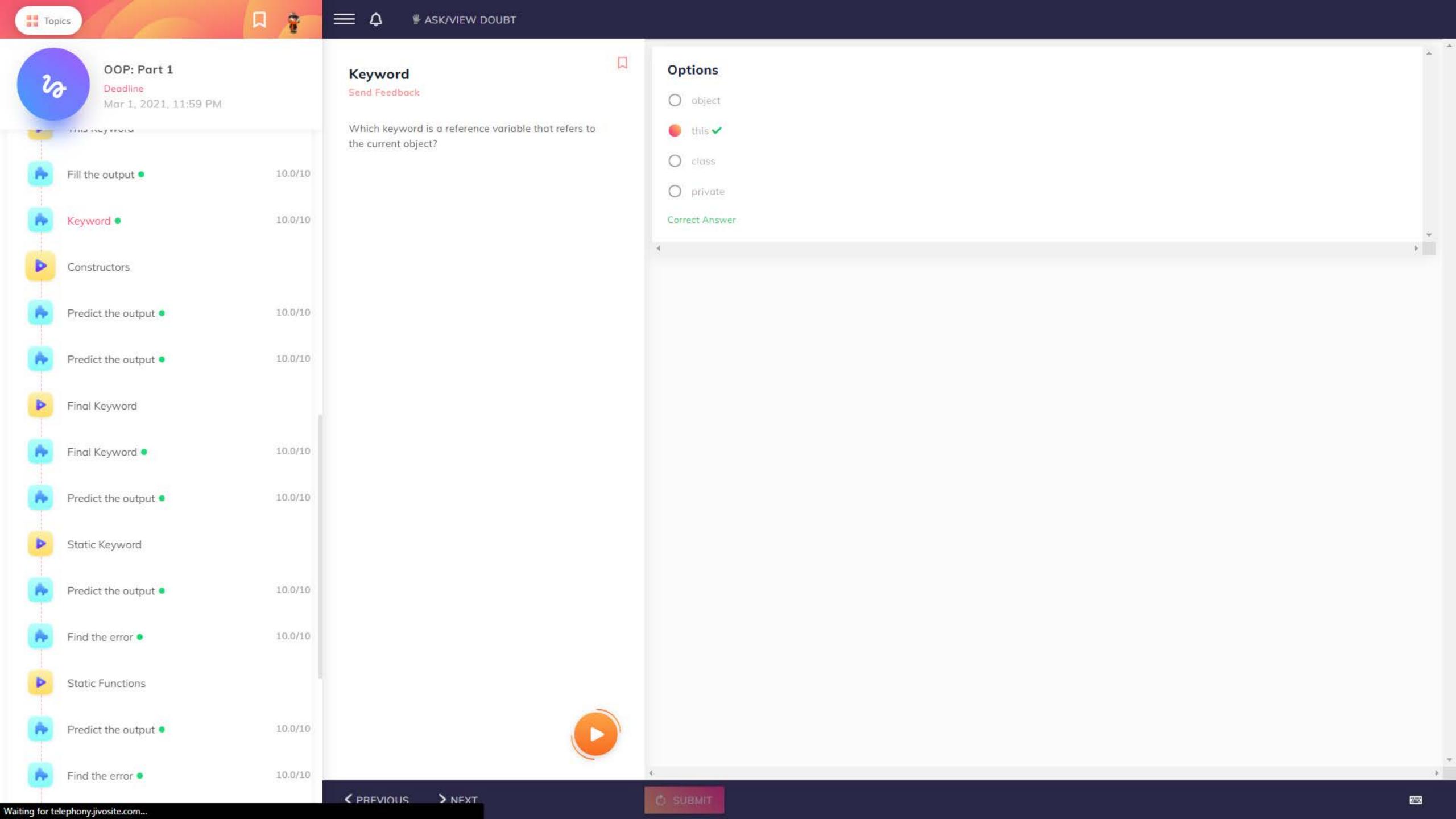
a=0 b=10

Correct Answer

Solution Description

When object set function is called, the local variables are a and b which are passed on to the function as parameters, a=10,b=20. But a has been assigned to b. That means b comes 10. Now this.b=b sets the variable b of class Test equal to 10 and a remains 0.





Тор	pics:	8
20	OOP: Part 1 Deadline Mar 1, 2021, 11:59 PM	
100	ncymora -	
D	Constructors	
(A)	Predict the output •	10.0/10
•	Predict the output •	10.0/10
D	Final Keyword	
A	Final Keyword •	10.0/10
•	Predict the output •	10.0/10
D	Static Keyword	
*	Predict the output •	10.0/10
•	Find the error •	10.0/10
D	Static Functions	
(A)	Predict the output •	10.0/10
A	Find the error •	10.0/10
D	Fraction class - 1	
D	Fraction class - 2	

Predict the output

Send Feedback

What will be the output of the following code?

Options

- O Constructor one Dharmesh
- Constructor two Dharmesh 26
- O Constructor three 26

Correct Answer

Solution Description

The constructor with two arguments string and integer is called.



₩ Top	pics:	口。
2	OOP: Part 1 Deadline Mar 1, 2021, 11:59 PM	
-	Serion accers	
	Predict the output •	10.0/10
A	Predict the output •	10.0/10
D	Final Keyword	
	Final Keyword •	10.0/10
A	Predict the output •	10.0/10
D	Static Keyword	
A	Predict the output •	10.0/10
A-	Find the error •	10.0/10
D	Static Functions	
•	Predict the output •	10.0/10
A	Find the error •	10.0/10
D	Fraction class - 1	
D	Fraction class - 2	
D	Complex Number Class	

Predict the output

Send Feedback

What will be the output of the following code?

class Test
-
int a;
int b;
Test()
{
this(10, 20);
System.out.print("constructor one ");
)
Test(int a, int b)
{
this. $\alpha = \alpha$;
this.b = b;
System.out.print("constructor two ");
}
1
class new_test{
public static void main(String[] args)
{
Test object = new Test();
}
1
870

Options

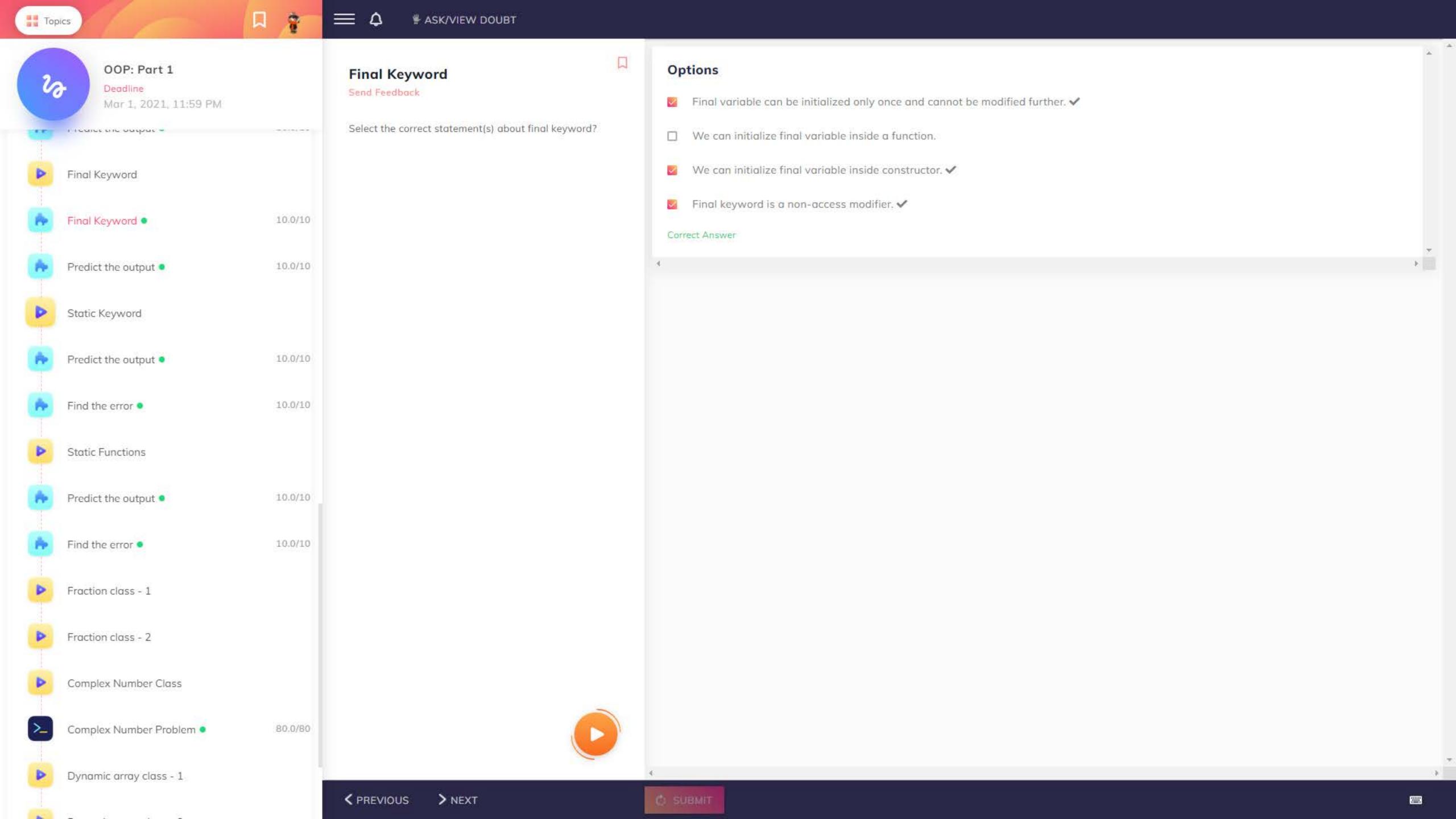
- O constructor one
- O constructor two
- ⑥ constructor two constructor one ✓
- O constructor one constructor two

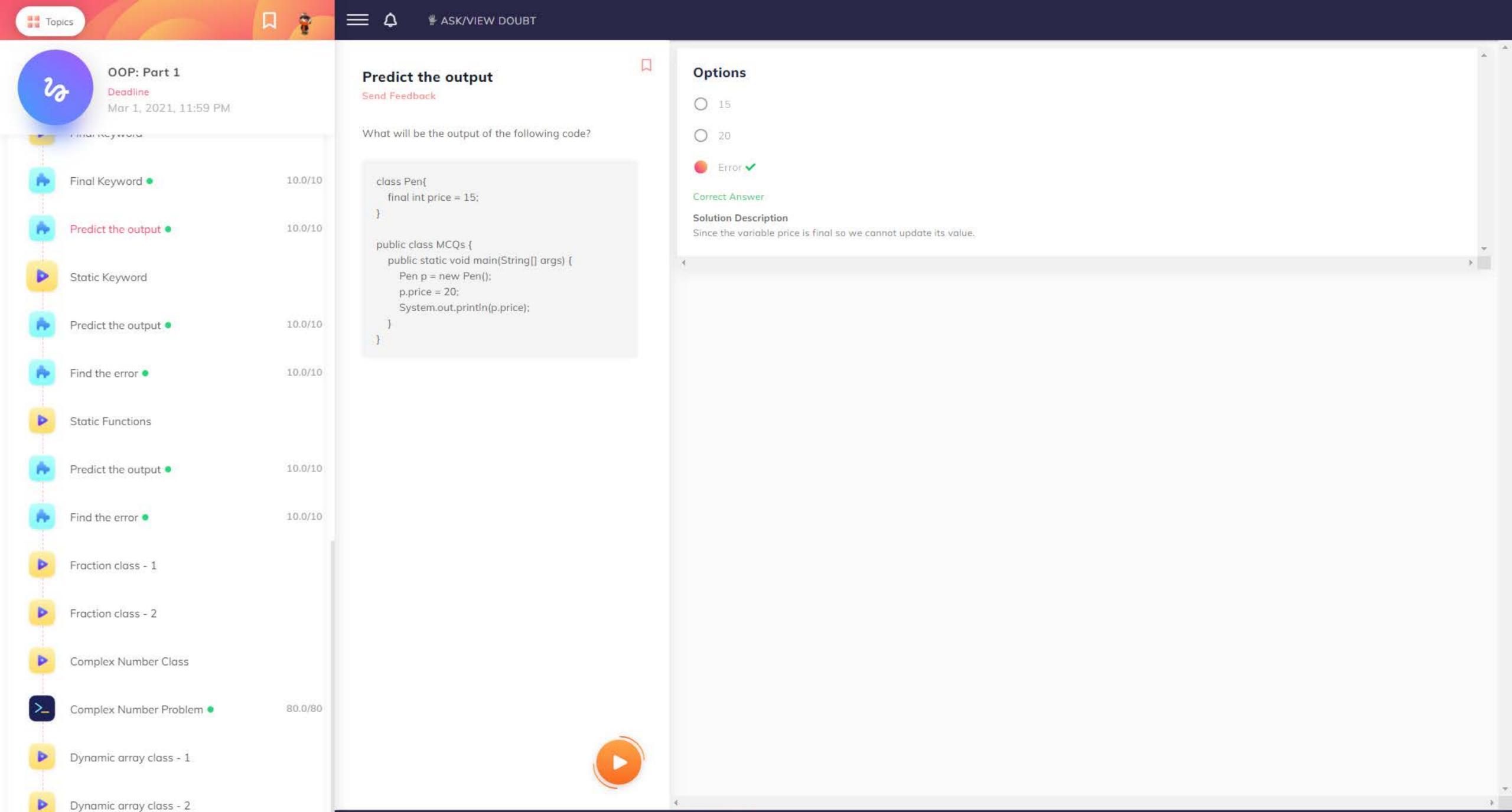
Correct Answer

Solution Description

When the object of Test class is created, the constructor with no arguments is called. When this (10,20) is encountered, the constructor with two arguments int and int is called because this is the reference of the object. So using this way we can call more than one constructor.

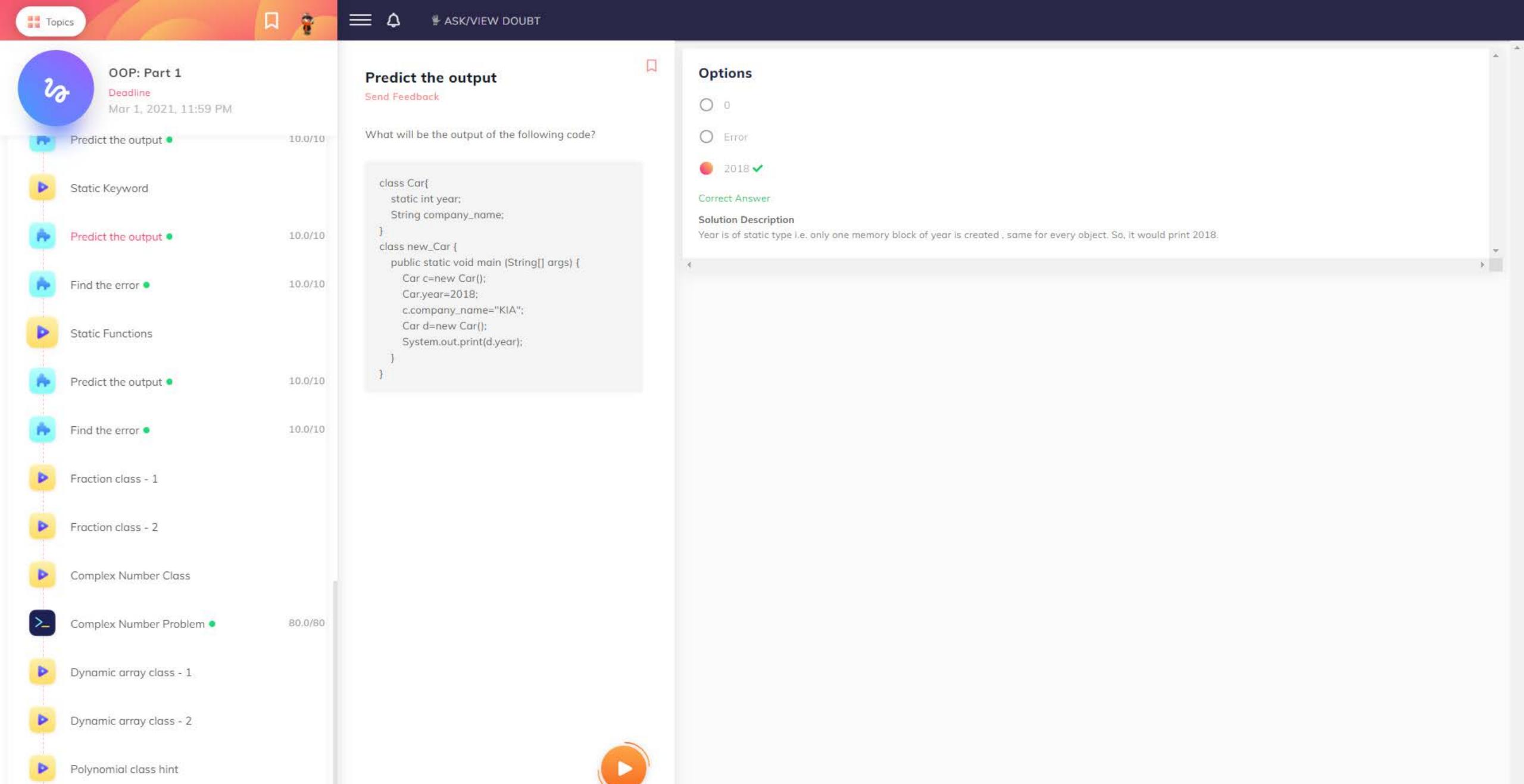


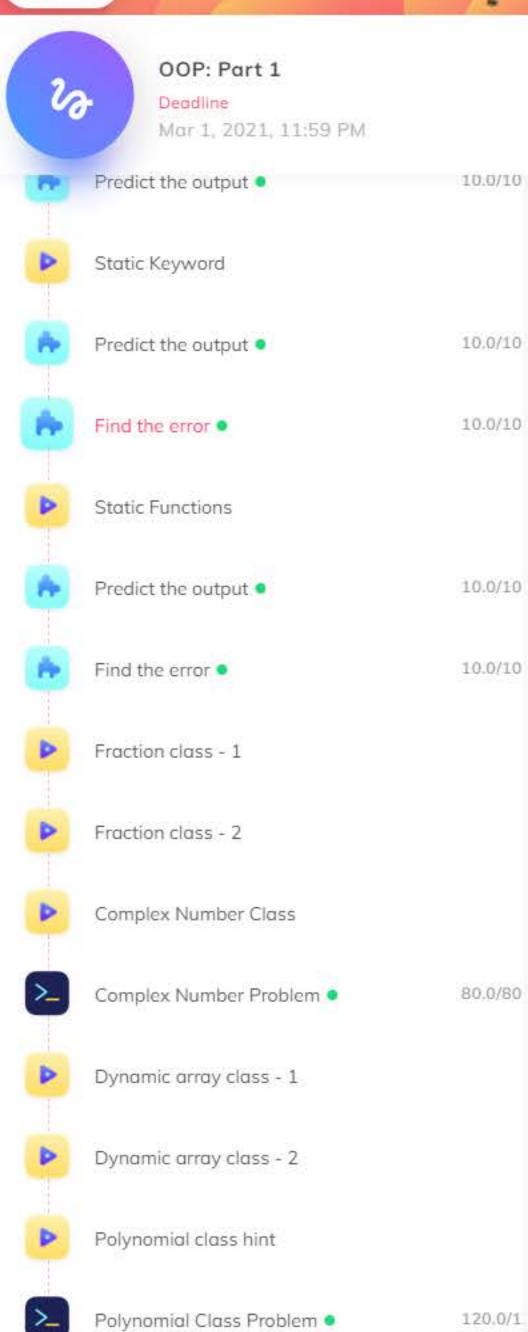












```
Find the error
```

Send Feedback

Which line of the following code would generate an error?

```
class Test{
  static int marks;
  void set_marks(int marks)
                              //Line 1
    this.marks=marks;
class MCQ {
  public static void main (String[] args) [
    Test t=new Test();
    t.set_marks(78);
                            //Line 2
    System.out.print(Test.marks); //Line 3
```

Options

- O Line 1
- O Line 2
- O Line 3
- No error ✓

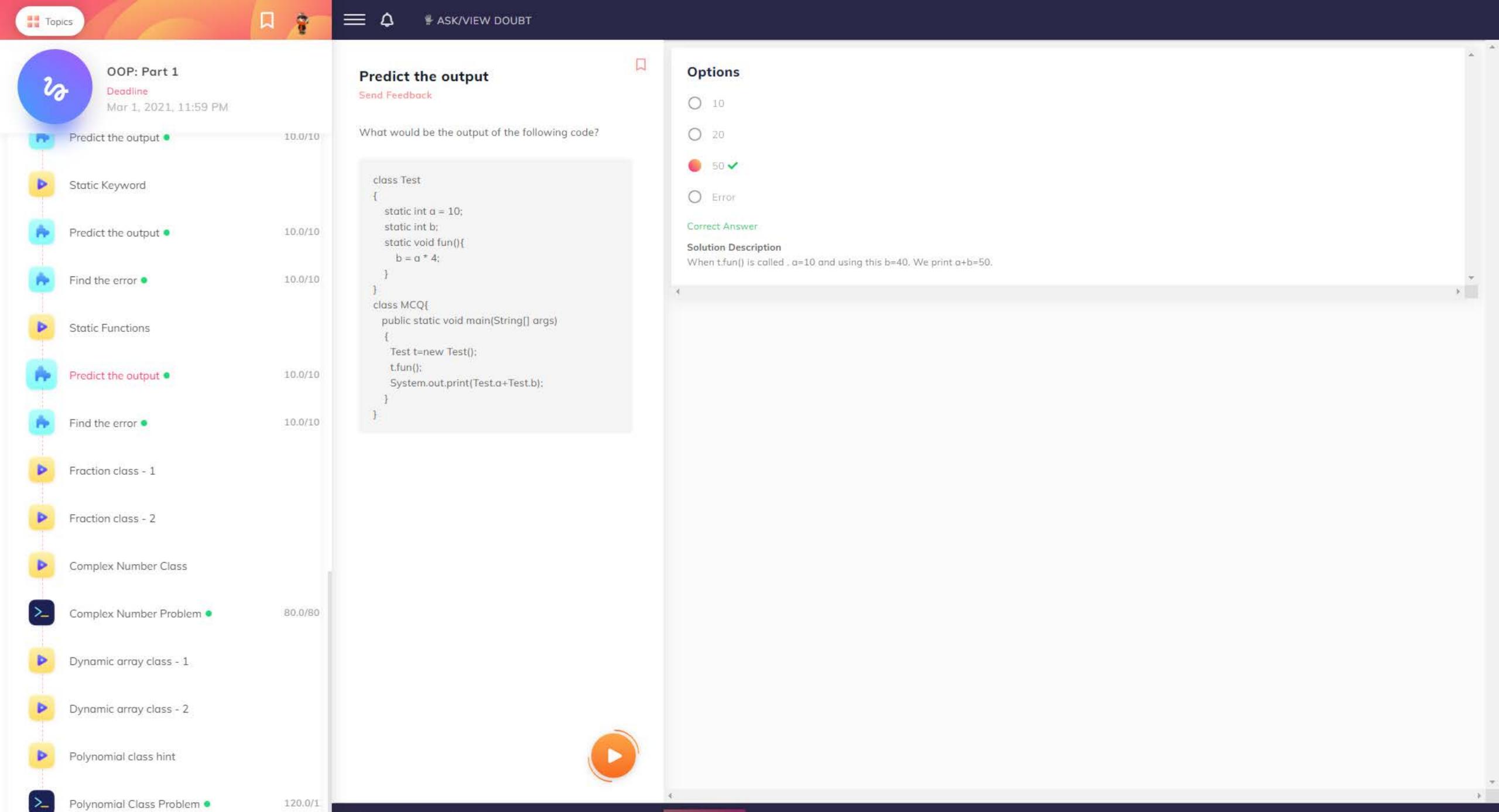
Correct Answer

Solution Description

There is no error in this code. In this class, there is just a single variable, which is, static variable. Static variables are property of the class, but you can access it through objects. Hence, line 1 and 2 did not generate any error.



F



Тор	ics	M .
20	OOP: Part 1 Deadline Mar 1, 2021, 11:59 PM	
(8)	Predict the output •	10.0/10
D	Static Keyword	
A	Predict the output •	10.0/10
•	Find the error •	10.0/10
D	Static Functions	
(2)	Predict the output •	10.0/10
A	Find the error •	10.0/10
b	Fraction class - 1	
D	Fraction class - 2	
D	Complex Number Class	
>_	Complex Number Problem •	80,0/80
D	Dynamic array class - 1	
D	Dynamic array class - 2	
D	Polynomial class hint	
>_	Polynomial Class Problem •	120.0/1

Find the error

Send Feedback

Which of the following line(s)would produce an error?

```
class Test
 static int a = 10;
 int b = 20;
 static void fun1()
    a = 20;
                          //Line 1
                          //Line 2
    b = 10;
    fun2();
                         //Line 3
    System.out.print(this.b); //Line 4
  void fun2()
   System.out.println("from m2");
class MCQ{
 public static void main(String[] args)
    Test.fun1();
```

Options

- ☐ Line 1
- ☑ Line 2 ✓
- Line 3
- ☑ Line 4 ✓

Correct Answer

Solution Description

Line 2: static functions cannot use non-static variables. Line 3: Static function cannot call non-static function. Line 4:this or super keyword cannot be used inside a static function.

