

Need help?

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English (en) 🔻

Home - My courses - CPT204(S2) - Sections - Week 2:8-12 March — Checking and Testing 2, Immutability, List, Map - Lecture Ouiz 2

Started on	Wednesday, 10 March 2021, 19:49
State	Finished
Completed on	Sunday, 14 March 2021, 17:14
Time taken	3 days 21 hours
Grade	80.00 out of 150.00 (53 %)

Question 1



Mark 10.00 out of 10.00

In the buggy Java code below, is the bug caught by static checking, dynamic checking, or not at all?

```
int n = 5;
if (n) {
    System.out.println("n is " + n);
}
```

Select one:

- a. static checking
- b. dynamic checking
- oc. no checking, resulting in wrong answer

Your answer is correct.

The correct answer is: static checking

Question 2



Mark 0.00 out of 10.00

In the buggy Java code below, is the bug caught by static checking, dynamic checking, or not at all?

```
int bigNum = 200000;    // bigNum is 200,000
bigNum = bigNum * bigNum;    // bigNum should be 4 billion
```

Select one:

- a. static checking
- b. dynamic checking
- oc. no checking, resulting in wrong answer

Your answer is incorrect.

The correct answer is: no checking, resulting in wrong answer

Question 3

Incorrect

Mark 0.00 out of 10.00

In the buggy Java code below, is the bug caught by static checking, dynamic checking, or not at all?

```
// the probability of an event is prob = 1/5 = 0.2
double prob = 1/5;
```

Select one:

- a. static checking
- b. dynamic checking
- oc. no checking, resulting in wrong answer

Your answer is incorrect.

The correct answer is: no checking, resulting in wrong answer

Question 4



Mark 10.00 out of 10.00

In the buggy Java code below, is the bug caught by static checking, dynamic checking, or not at all?

```
int sum = 0;
int n = 0;
int average = sum/n;
```

Select one:

- a. static checking
- b. dynamic checking
- oc. no checking, resulting in wrong answer

Your answer is correct.

The correct answer is: dynamic checking

Question 5



Mark 0.00 out of 10.00

In the buggy Java code below, is the bug caught by static checking, dynamic checking, or not at all?

```
double sum = 7;
double n = 0;
double average = sum/n;
```

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Select one:

- a. static checking
- b. dynamic checking
- o. no checking, resulting in wrong answer

Your answer is incorrect.

The correct answer is: no checking, resulting in wrong answer

Question 6

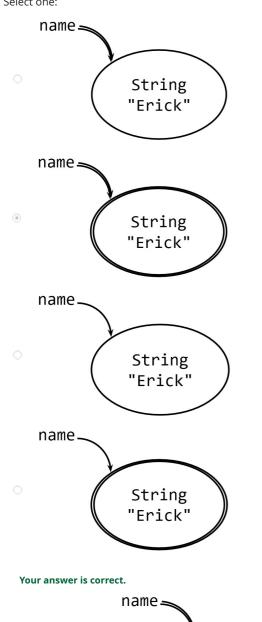


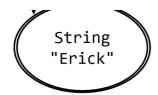
Mark 10.00 out of 10.00

Which is the correct snapshot diagram for:

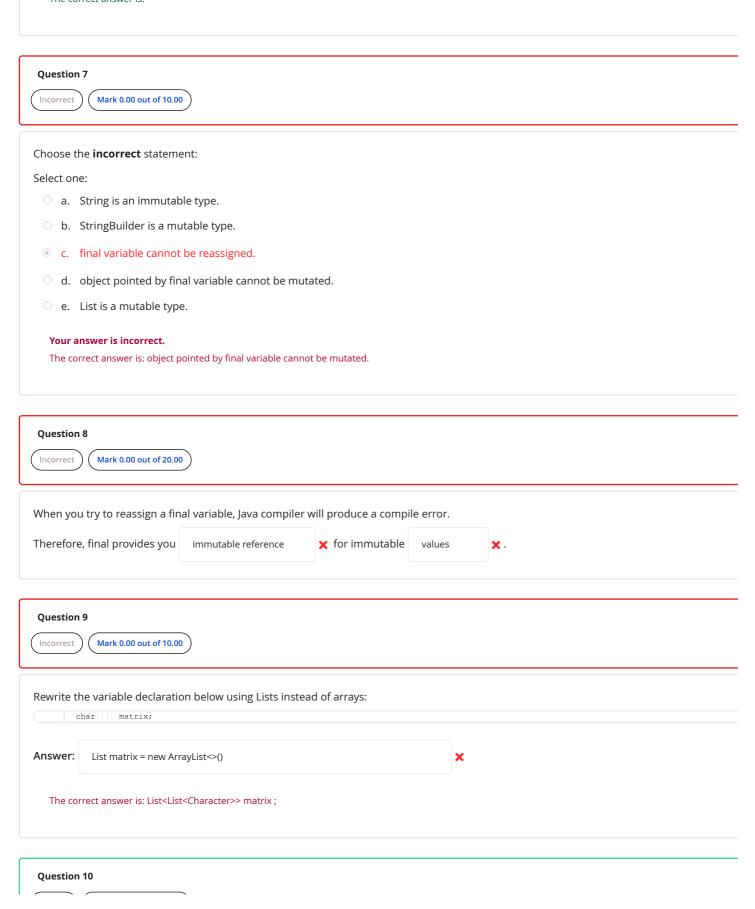
final String name = "Erick";

Select one:





The correct answer is:



Correct (Mark 10.00 out of 10.00)

Given a code:

List<Integer> list1 = new ArrayList<>();

list1.add(100);

list1.add(200);

final List<Integer> list2 = list1;

list1.add(300);

If we add a line of code below:

list2 = list1;

choose the **correct** statement:

Select one:

- a. there will be an error, detected by static checking.
- O b. there will be an error, detected by dynamic checking.
- o c. there is no error.

Your answer is correct.

The correct answer is: there will be an error, detected by static checking.

Question 11



Mark 10.00 out of 10.00

Given a code:

List<Integer> list1 = new ArrayList<>();

list1.add(100);

list1.add(200);

final List<Integer> list2 = list1;

list1.add(300);

If we add a line of code below:

list1.set(1, 400);

choose the **correct** statement:

Select one:

- $\ \ \ \ \$ a. there will be an error, detected by static checking.
- $\, igcup \,$ b. there will be an error, detected by dynamic checking.
- o. there is no error.

Your answer is correct.

The correct answer is: there is no error.

Question 12



Mark 10.00 out of 10.00

Given a code:
List <integer> list1 = new ArrayList<>();</integer>
list1.add(100); list1.add(200);
final List <integer> list2 = list1;</integer>
list1.add(300);
If we add a line of code below:
list2.set(1, 400);
choose the correct statement:
Select one:
a. there will be an error, detected by static checking.
b. there will be an error, detected by dynamic checking.
c. there is no error.
Your answer is correct.
The correct answer is: there is no error.
Question 13
(Correct) (Mark 10.00 out of 10.00)
Given a code:
List <integer> list1 = new ArrayList<>();</integer>
list1.add(100);
list1.add(200);
final List <integer> list2 = list1; list1.add(300);</integer>
If we add a line of code below:
list2.set(3, 400);
choose the correct statement:
Select one:
a. there will be an error, detected by static checking.
b. there will be an error, detected by dynamic checking.
o. there is no error.
Your answer is correct.
The correct answer is: there will be an error, detected by dynamic checking.

Question 14



Mark 10.00 out of 10.00

Create a map named hostel with integer keys and string values, to store room number and tenant name pairs.

Then, $\,$ add a key-value pair for a tenant named Alice in room number 777.

Select one:						
	Map <integer, string=""> hostel = new HashMap<>(); hostel.add(777, "Alice");</integer,>					
•	Map <integer, string=""> hostel = new HashMap<>(); hostel.put(777, "Alice");</integer,>					
	Map <string, integer=""> hostel = new HashMap<>(); hostel.add("Alice", 777);</string,>					
	Map <string, integer=""> hostel = new HashMap<>(); hostel.put("Alice", 777);</string,>					
	Map <string, int=""> hostel = new HashMap<>(); hostel.add("Alice", 777);</string,>					
	Map <string, int=""> hostel = new HashMap<>(); hostel.put("Alice", 777);</string,>					
Th M	e correct answer is: ap <integer, string=""> hostel = new HashMap<>(); stel.put(777, "Alice");</integer,>					
Finish	n review					
4 Lal	o 2 Videos	Jump to		Lab Exercise 2.1 Max Streto		