Final-Quiz At

Due No due date

Points 200

Questions 20

Available until Apr 29 at 7:04pm

Time Limit 21 Minutes

Instructions

Each question will be shown ONLY once.

You will not be able to revisit the same question again, so make sure to MARK the answer for each question and only then move to the next question. Each question is weighted differently. Please answer carefully high-weightage questions.

The total number of questions in the quiz is 20. Manage your time accordingly.

DO NOT CLICK THE SUBMIT QUIZ BUTTON BY MISTAKE. You will not be given a second attempt.

Wish you the best!

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	21 minutes	110 out of 200

(!) Correct answers are hidden.

Score for this quiz: 110 out of 200

Submitted Apr 29 at 6:39pm

This attempt took 21 minutes.

Incorrect

Question 1

0 / 10 pts

Which one of the following creates a thread pool that creates new threads as needed, but will reuse previously constructed threads when they are available

- Executors.newCachedThreadPool
- Executors.newScheduledThreadPool
- Executors.newFixedThreadPool
- Executors.newSingleThreadExecutor

Question 2	5 / 5 pts
Which of the following is incorrect for polymorphism	
Polymorphism concept is the feature of object-oriented programming (OOP)	
It always increases the overhead of function definition	
Ease in the readability of the program	
Polymorphism helps in redefining the same functionality	

Question 3	10 / 10 pts
In OSI reference model, which layer manages overall communication between host and destination?	d ultimate
O Network	
O Physical	
C Link	
Transport	

Incorrect	Question 4	0 / 10 pts
	Which of the following is/are true about interface class:	
	all of the above	
	contains only unimplemented met	

contains only final variables		
none of the above		
contains only static variables		

Question 5 Choose one of the following lines that has an OBVIOUS coding ERROR? ArrayList<String> names = new ArrayList<String>(); List<> names = new ArrayList<>(); List<String> names = new ArrayList<>(); List<String> names = new ArrayList<>();

Question 6

Select a statement that is true about Lambda expression in Java 8.

a function nor a	ın interface				
denoted with =>	sign.				
ese					
	denoted with =>	denoted with => sign. ese	-		

Select the correct way from below options to achieve a parameter less Lambda expression. Need to pass curly braces to denotes that there are no parameter on left side of the arrow. Pass empty set of parentheses on the left side of the arrow. In this particular case arrow is not required at all. Not passing anything on the left side of the arrow.

Incorrect

Question 8

0 / 10 pts

Why does the following line of code throws error:
List<int> list = new ArrayList<int>();
(answer only in lowercase)

integer

Which two features of object-oriented programming are the same?

© Encapsulation and Abstraction

Cencapsulation and Polymorphism features are the same

Inheritance and Encapsulation features are the same

Abstraction and Polymorphism features are the same

Question 10 20 / 20 pts

We can not create instance of
Abstract Class
Anonymous Class
Nested Class
Parent Class

Question 11	20 / 20 pts
Given the following code fragment: List <string> names = new ArrayList<>(); Choose, from the following, the most appropriate answer or answers. SELECT WHICH S.O.L.I.D. design principles this java code statement CLEARLY AND demonstrates.</string>) OBVIOUSLY
☑ Liskov substitution principle	
Open Closed principle	
☐ Interface Segregation Principle	

Dependency Inversion principle		
Sole Responsibility Principle		

When instantiating a HashMap class for an associative container, BEST PRACTICE is to define the variable as type _____. (Type the answer below)

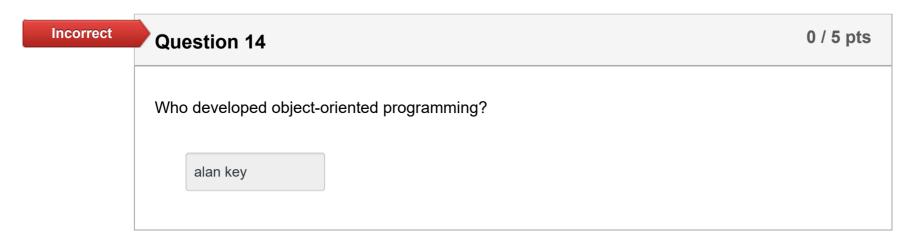
Which of the following are true for Enum:

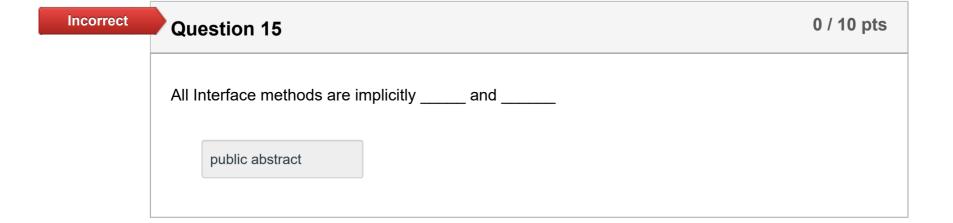
Prefer over integer or string codes to increase compile-time checking

Declared as class data member

all of the above

are mutable and tehre value can be changed later
Can have constructors, methods and variables





Question 16 0 / 10 pts

If my multithreaded code required a sequential container, I would use the _____ class. (Type the answer)

Runnable

Incorrect

Question 17

0 / 4 pts

```
What will be the correct output for below code snippet?
class static out
static int x;
static int y;
void add(int a, int b)
x = a + b;
y = x + b;
public class static_use
```

```
public static void main(String args[])
static_out obj1 = new static_out();
static_out obj2 = new static_out();
int a = 2;
obj1.add(a, a + 1);
obj2.add(5, a);
System.out.println(obj1.x + " " + obj2.y);
   77.4
   79
    97
    6 6.4
```

Incorrect

Question 18

0 / 2 pts

The return type cannot be the same in case of method overriding				
	○ False			
	True			

Question 19	10 / 10 pts
Write done output of the following program.	
class Driver {	
public static void main(String args[]) {	
final int x;	
x = 89;	
x = 64;	
System.out.println(x);	
}	
}	
○ o	
O 64	
Compile Error	
O 89	

Unanswered

Question 20 0 / 15 pts

```
What will be the output of the following program. Type your answer below.
class Driver (SEP)
                                              {|L
|SEP
  public static void main (String[] args)
     int arr1[] = \{4, 6, 8\};
      int arr2[] = \{4, 6, 8\};
      if (arr1 == arr2)
         System.out.println("You");
      else
        System.out.println("Me");
```

Quiz Score: 110 out of 200