CS390-2021-12A-12D(MY) > **★** ✓ Tests & Quizzes

Tests & Quizzes

Quiz1

Return to Assessment List

Part 1 of 3 - True or False 4.0 / 10.0 Points

Question 1 of 10 0.0	1.0 Points
— Which command has Just-In-Tim	ne (JIT) compiler involved?
• 🗶 🔾 A. javac Hello.java	
• 🗸 🔾 B. javac Hello.class	
• 🗸 🔾 C. java Hello	
• 🗸 🔾 D. java Hello.java	
Answer Key: C	
Question 2 of 10 0.0	1.0 Points
_	method. double add(int x, float y) { return x + y; } Which one is NOT
correct way to overload the abo	ve method:
• 🗸 🔾 A. double add(float x,	int y) { return x + y; }
• 🗶 🔾 B. double add(){ return	1 1 + 2.0;}
• 🗸 🔾 C. double add(long x,	double y){ return x + y; }
• 🗸 🔾 D. float add(int a, float	t b){ return a + b; }
• 🗸 🔾 D. float add(int a, float	t b){ return a + b; }
	t b){ return a + b; }
• • D. float add(int a, float Answer Key: D	t b){ return a + b; }

─ Which one is FALSE when declaring an immutable class. -

```
✓ A. Declare the class as final so it can't be extended.
        B. Make all fields private so that direct access is not allowed.

    C. Initialize fields with setter methods

        D. Make all mutable fields final so that it's value can be assigned only once.
  Answer Key: C
Question 4 of 10 0.0
                                            1.0 Points
   What is the output of the following program.
   public class Main {
     public static void main(String[] args) {
       char c = 65;
       System.out.println(c);
    }
   }
         A. 65a
        ○ B. A
     X C. 65
       🖊 🔵 D. 66
  Answer Key: B
Question 5 of 10 1.0
                                            1.0 Points
   What is the output of the following program?
   public class Main {
     public static void main(String[] args) {
       int k = 0;
```

Question 6 of 10 0.0

1.0 Points

```
Which statement below is created in stack memory?
✓ A.
class A{
final static int i = 99;
}
✓ B.
public static void main(String[] arr){
int i = 99;
}
X C. new Person[3];
✓ D. new int[] {1, 2, 30};

Answer Key: B
```

Question 7 of 10 0.0

1.0 Points

According the statements below, which one of following is true.

Question 8 of 10 1.0

1.0 Points

Question 9 of 10 0.0	1.0 Points	
The key of java power "Write once, run everywhere" is		
• 🗸 🔾 A. Native Code		
• ✔ ○ B. Byte Code		
• 🗸 🔾 C. Binary Code		
• 🗶 🔾 D. Source Code		
Anguay Vaya D		
Answer Key: B		
Question 10 of 10 1.0	1.0 Points	
Which one of these classes below is not i	mmutable?	
• 🗸 🔾 A. LocalDate		
• ✓ B. LocalDateTime		
• 🗸 🔾 C. String		
• 🗸 🔾 D. Date		
Answer Kov: D		
Answer Key: D		
Part 2 of 3 - True or False 7.0 / 10.0 Poir	nts	
Question 1 of 10 1.0	1.0 Points	
An int value can not be assigned to Integer t	ype variable directly,	

Answer Key: False

Question 2 of 10 1.0 1.0 Points

The natural ordering on Strings is alphabetical order

✓ A. True

Answer Key: True

B. False

Question 3 of 10 1.0 1.0 Points. Point(s) deducted for incorrect answer: 1.0 Final variables still need mutator methods.



Answer Key: False

Question 4 of 10 0.0 1.0 Points
In Java the primitive type boolean has only 2 values: 1 and 0



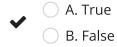
Answer Key: False

Question 5 of 10 0.0 1.0 Points
All three parts of the for(...) loop expression are optional.



Answer Key: True

Question 6 of 10 1.0 1.0 Points. Point(s) deducted for incorrect answer: 1.0 static members are initialized before instance variables.



Answer Key: True

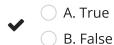
Question 7 of 10 1.0 1.0 Points. Point(s) deducted for incorrect answer: 1.0 Variables in interface are only modified by public final.



B. False

Answer Key: False

Question 8 of 10 1.0 1.0 Points. Point(s) deducted for incorrect answer: 1.0 String literal is interned in String constant pool.



Answer Key: True

Question 9 of 10 0.0 1.0 Points Java variable names can start with underscores.



Answer Key: True

Question 10 of 10 1.0 1.0 Points. Point(s) deducted for incorrect answer: 1.0 The object of new Employee("Bob"); will be recycled by garbage collector soon.



Answer Key: True

Part 3 of 3 - Short answer questions. 0.0 / 10.0 Points

Question 1 of 3 0.0 1.0 Points

Declare an enumerated data type named RGB which has the values RED, GREEN, and BLUE.

```
enum RGB {
RED,
GREEN,
BLUE
}
```

```
Model Short Answer: enum RGB { RED, YELLOW, BLUE };

Question 2 of 3 0.0 4.0 Points

Write a class called Singleton, make sure you can only create a single object for it.

Public Class Singleton() {

Private Singleton;

}

public static Singleton getInstance(){

return this.Singleton;

}
```

Model Short Answer:

```
Solution 1.
public class Singleton {
   private static Singleton singleton = new Singleton();

/* A private Constructor prevents any other
   * class from instantiating.
   */
   private Singleton() { }

/* Static 'instance' method */
   public static Singleton getInstance() {
     return singleton;
   }
}

Solution 2
public class ClassicSingleton {
   private static ClassicSingleton instance = null;
   private ClassicSingleton() {
```

```
// Exists only to defeat instantiation.
}

public static ClassicSingleton getInstance() {
   if(instance == null) {
     instance = new ClassicSingleton();
   }
   return instance;
}

Question 3 of 3 0.0 5.0 Points
```

Write a program to reverse a input string, StringBuilder and StringBuffer are not allowed.

```
Public static Void Main(Strings[] args) {
Scanner sc = new Scanner(system.in);
System.out.println("Enter the Input String to be Reversed: ");
String word = sc.nextline();
sc.Close();
System.out.println("The Reversed String is: ");

for (int i = word.length() - 1; i = 0; i--) {
    System.out.print(charAt[i]);
}
}
```

Model Short Answer:

```
public static String reverse(String input){
   char[] in = input.toCharArray();
   int begin=0;
   int end=in.length-1;
   char temp;
   while(end>begin){
      temp = in[begin];
      in[begin]=in[end];
      in[end] = temp;
      end--;
      begin++;
```

```
}
return new String(in);
}
```

<u>Gateway</u>

- Accessibility Information
- The Sakai Project
- 📵

MUM Global Online Education 19.3

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Mon, 29 Nov 2021 19:59:10 CST

Server:

Sakai5

Build Info:

RELEASE

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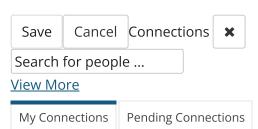
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Change Profile Picture

Error removing image Error uploading image

Upload Choose File No file chosen



Remove

You don't have any connnections yet. Search for people above to get started.

You have no pending connections.

← Back to My Connections

Search for people ...

\$({cmLoader.getString("connection_manager_no_results")}

Done