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Full Name:	Vicki McPherson
Email:	theredshoes33@gmail.com
Test Name:	**AD - KBA - Core Java**
Taken On:	8 Apr 2021 14:01:33 EDT
Time Taken:	80 min 56 sec/ 90 min
City:	Bridgeville
Course:	[TEK Pittsburgh] 2021-Java Developer 01
Major:	Information Design
Invited by:	Customized
Invited on:	7 Apr 2021 12:51:52 EDT
Skills Score:	
Tags Score:	

59.2%

230/390

scored in **AD - KBA - Core Java** in 80 min 56 sec on 8 Apr 2021 14:01:33 EDT

Tags Score:

abstraction	10/20
catch	10/20
classes	30/30
code	10/30
code trace	0/60
composition	10/10
constructors	30/30
declarations	3.33/10
element	0/10
encapsulation	20/20
extension	10/10
file	20/30
files	10/10
finally	10/10
forms	40/40
functional	40/40
inheritance	30/30
input	10/10
instance variables	10/10
java	230.83/390
local variables	10/10
manual	10/10
object-oriented	40/40
oops	0/10
operators	10/10
overloading	30/30
packages	10/10
polymorphism	20/40
programming	30/30
respond	0/10

rest	10/10		
runtime	0/10		
snippets	0/10		
switch	3.33/10		
throw	20/20		

Candidate Feedback: Well it would be nice if we could see our answers on the side somehow

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	**Access modifier - protected** › **Multiple Choice**	3 min 31 sec	10/ 10	✓
Q2	**Class Declarations** › **Multiple Choice**	5 min 13 sec	3.33/ 10	◑
Q3	**Exception** › **Multiple Choice**	1 min 51 sec	10/ 10	✓
Q4	**File Exception** › **Multiple Choice**	1 min 19 sec	10/ 10	✓
Q5	**Interface** › **Multiple Choice**	2 min 32 sec	0/ 10	✗
Q6	**IS-A relationship** › **Multiple Choice**	46 sec	10/ 10	✓
Q7	**Method declaration** › **Multiple Choice**	3 min 42 sec	7.5/ 10	◑
Q8	**Method overloading** › **Multiple Choice**	1 min 40 sec	10/ 10	✓
Q9	**Multiple Inheritance** › **Multiple Choice**	1 min 37 sec	10/ 10	✓
Q10	**static keyword** › **Multiple Choice**	2 min 45 sec	10/ 10	✓
Q11	**How many copies of static (class) variables and instance variables are created when 10 objects are created of a class?** › **Multiple Choice**	7 min 9 sec	10/ 10	✓
Q12	**What is an Abstraction in object-oriented programming?** › **Multiple Choice**	1 min 45 sec	10/ 10	✓
Q13	**What is an Encapsulation in object-oriented programming?** › **Multiple Choice**	2 min 29 sec	10/ 10	✓
Q14	**What is Autoboxing?** › **Multiple Choice**	36 sec	0/ 10	✗
Q15	**What is Inheritance in Object-Oriented Programming?** › **Multiple Choice**	1 min 53 sec	10/ 10	✓
Q16	**What is Polymorphism In object-oriented programing?** › **Multiple Choice**	22 sec	10/ 10	✓
Q17	**What is the extension of Java source code files?** › **Multiple Choice**	16 sec	10/ 10	✓
Q18	**What is the process of defining more than one method in a class differentiated by method signature?** › **Multiple Choice**	2 min 39 sec	10/ 10	✓
Q19	**What is the return type of Constructors?** › **Multiple Choice**	14 sec	10/ 10	✓
Q20	**What is Truncation for numeric variables in Java?** › **Multiple Choice**	2 min 40 sec	0/ 10	✗
Q21	**What should you do when a primitive int data type is required as a corresponding object?** › **Multiple Choice**	2 min 37 sec	0/ 10	✗

Q22	**Which of the below is invalid identifier with main method?** › **Multiple Choice**	2 min 1 sec	10/ 10	✓
Q23	**Which of the following is a valid declaration of an object of class Box?** › **Multiple Choice**	1 min 13 sec	10/ 10	✓
Q24	**Which of the following loops will execute the body of loop even when condition controlling the loop is initially false?** › **Multiple Choice**	3 min 14 sec	0/ 10	✗
Q25	**Which of the following modifier means a particular variable cannot be accessed from other class even within the same package?** › **Multiple Choice**	2 min 35 sec	10/ 10	✓
Q26	**Which of these is an invalid array declaration?** › **Multiple Choice**	2 min 17 sec	0/ 10	✗
Q27	**Which of these operators is used to allocate memory to array variable in Java?** › **Multiple Choice**	1 min 13 sec	10/ 10	✓
Q28	**Which of these statements is incorrect?** › **Multiple Choice**	49 sec	10/ 10	✓
Q29	**Which one is a valid declaration of a boolean?** › **Multiple Choice**	28 sec	10/ 10	✓
Q30	**Incorrect Polymorphism** › **Multiple Choice**	1 min 56 sec	0/ 10	✗
Q31	**Method Overloading** › **Multiple Choice**	2 min 19 sec	10/ 10	✓
Q32	**Polymorphism** › **Multiple Choice**	1 min 38 sec	0/ 10	✗
Q33	**Exception handling** › **Multiple Choice**	1 min 58 sec	0/ 10	✗
Q34	**ETL Code Trace** › **Multiple Choice**	38 sec	0/ 10	✗
Q35	**ETL Code Trace 2** › **Multiple Choice**	41 sec	0/ 10	✗
Q36	**Java, Code Trace** › **Multiple Choice**	1 min 40 sec	0/ 10	✗
Q37	**Operators Code Trace** › **Multiple Choice**	1 min 17 sec	0/ 10	✗
Q38	**Code Trace Array Output** › **Multiple Choice**	1 min 26 sec	0/ 10	✗
Q39	**Jump statments Code Trace** › **Multiple Choice**	57 sec	0/ 10	✗

Correct Answer

Score 10

Access modifier - protected › Multiple Choice classes constructors java packages

QUESTION DESCRIPTION

Variables, methods, and constructors, which are declared protected in a superclass can be accessed only by the subclasses in other packages or any class within the package of the protected members' class.

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: classes, constructors, java, packages

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ● TRUE
- ○ FALSE

No Comments

Correct Answer

Score 3.33

Class Declarations › Multiple Choice declarations java switch

QUESTION DESCRIPTION

Which keyword(s) can be part of a class declaration?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: declarations, java, switch

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ● class
- ✓ ○ extends
- ✓ ○ implements
- ○ switch
- ○ extend

No Comments

QUESTION 3

Correct Answer

Score 10

Exception > Multiple Choice [catch] [finally] [java] [manual] [throw]

QUESTION DESCRIPTION

Which of these keywords is used to manually/explicitly throw an exception?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: catch, finally, java, manual, throw

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ◯ try
- ◯ catch
- ◯ finally
- ⊘ ● throw

No Comments

QUESTION 4

Correct Answer

Score 10

File Exception > Multiple Choice [file] [input] [java] [throw]

QUESTION DESCRIPTION

Which of these exceptions is thrown in cases when the file specified for writing is not found?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: file, input, java, throw

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ◯ FileException
- ⊘ ● FileNotFoundException
- ◯ FileInputException
- ◯ InvalidFileException

No Comments

QUESTION 5

❌

Wrong Answer

Score 0

Interface > Multiple Choice   java

QUESTION DESCRIPTION

The fields in an interface are implicitly specified as -

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- 🔘 static only
- ⭕ final only
- ✅ ⭕ static and final
- ⭕ Integer

No Comments

QUESTION 6

✅

Correct Answer

Score 10

IS-A relationship > Multiple Choice   composition   encapsulation   inheritance   java

QUESTION DESCRIPTION

IS-A relationship in Java is related to -

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: composition, encapsulation, inheritance, java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ⭕ Encapsulation
- ✅ 🔘 Inheritance
- ⭕ Composition
- ⭕ None of the mentioned

No Comments

Correct Answer

Score 7.5

Method declaration > Multiple Choice `java`

QUESTION DESCRIPTION

A method declaration has (check all that are correct):

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ⦿ A name
- ⦿ At least one parameter
- ✓ ⦿ A return-type, or void if no value is returned.
- ✓ ◯ An optional access specifier which, if not present, defaults to package access.
- ✓ ⦿ Parentheses () - with or without a parameter list.

No Comments

QUESTION 8

Correct Answer

Score 10

Method overloading > Multiple Choice `java` `overloading`

QUESTION DESCRIPTION

If a class of a Java program has a plural number of methods, and all of them have the same name but different parameters (with a change in type or number of arguments), then it is known as method overloading.

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, overloading

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ⦿ TRUE
- ◯ FALSE

No Comments

Correct Answer

Score 10

Multiple Inheritance > Multiple Choice   classes   inheritance   java   polymorphism

QUESTION DESCRIPTION

Java does not support _____.

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: classes, inheritance, java, polymorphism

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ● Multiple inheritance for classes
- ○ Polymorphism
- ○ Interface
- ○ Method Overriding

No Comments

Correct Answer

Score 10

static keyword > Multiple Choice   java   local variables

QUESTION DESCRIPTION

Which of the following best describes the meaning of static?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, local variables

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ○ The static keyword can be applied to local variables. This implies that their values persist between calls to the method that declares the variable.
- ○ When applied to a class, the static keyword implies that instances of the class are immutable.
- ○ The static keyword, when applied to fields, means that the field can only be accessed through instances of the class.
- ✓ ● The static keyword can be applied to class members. This implies that the class members (static ones) belong to the class, not to instances of the class.

No Comments

QUESTION 11

✓ **Correct Answer**

Score 10

How many copies of static (class) variables and instance variables are created when 10 objects are created of a class? › Multiple Choice

| instance variables | java |

QUESTION DESCRIPTION

How many copies of static (class) variables and instance variables are created when 10 objects are created of a class?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: instance variables, java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ● 1, 10
- ○ 10, 10
- ○ 10,1
- ○ 1,1

No Comments

QUESTION 12

✓ **Correct Answer**

Score 10

What is an Abstraction in object-oriented programming? › Multiple Choice

| abstraction | forms | functional | java | object-oriented | programming |

QUESTION DESCRIPTION

What is an Abstraction in object-oriented programming?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: abstraction, forms, functional, java, object-oriented, programming

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ○ An ability by which one class acquires the properties and behaviors of another class
- ○ Refers to the ability of a variable, function or object to take on multiple forms
- ✓ ● Process of hiding the implementation details from the user, only the functionality will be provided to the user. In other words, the user will have the information on what the object does instead of how it does it.
- ○ A process that binds together the data and functions that manipulate the data and that keeps both safe from outside interference and misuse.

No Comments

Correct Answer

Score 10

What is an Encapsulation in object-oriented programming? › Multiple Choice

| encapsulation | forms | functional | java | object-oriented | programming |

QUESTION DESCRIPTION

What is an Encapsulation in object-oriented programming?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: encapsulation, forms, functional, java, object-oriented, programming

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

○ An ability by which one object acquires all the properties and behaviors of a parent object

○ Refers to the ability of a variable, function or object to take on multiple forms

○ Process of hiding the implementation details from the user, only the functionality will be provided to the user. In other words, the user will have the information on what the object does instead of how it does it.

✓ ● A process that binds together the data and functions that manipulate the data and that keeps both safe from outside interference and misuse.

No Comments

Wrong Answer

Score 0

What is Autoboxing? › Multiple Choice

| abstraction | code | java |

QUESTION DESCRIPTION

What is Autoboxing?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: abstraction, code, java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ○ when a primitive value is automatically converted to its matching wrapper class object

● when an object of a wrapper class is automatically converted to its matching primitive value

○ A mechanism of wrapping the data (variables) and code acting on the data (methods) together as a single unit

○ A mechanism of Abstraction

No Comments

Correct Answer

Score 10

What is Inheritance in Object-Oriented Programming? › Multiple Choice   forms

functional   inheritance   java   object-oriented   programming

QUESTION DESCRIPTION

What is Inheritance in Object-Oriented Programming?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: forms, functional, inheritance, java, object-oriented, programming

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ⊘ ● An ability by which one class acquires the properties and behaviors of another class
- ◯ Refers to the ability of a variable, function or object to take on multiple forms
- ◯ Process of hiding the implementation details from the user, only the functionality will be provided to the user. In other words, the user will have the information on what the object does instead of how it does it.
- ◯ A process that binds together the data and functions that manipulate the data and that keeps both safe from outside interference and misuse.

No Comments

Correct Answer

Score 10

What is Polymorphism In object-oriented programing? > Multiple Choice `forms`

`functional` `java` `object-oriented` `polymorphism`

QUESTION DESCRIPTION

What is Polymorphism In object-oriented programing?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: forms, functional, java, object-oriented, polymorphism

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

○ An ability by which one class acquires the properties and behaviors of another class

✓ ● Refers to the ability of a variable, function or object to take on multiple forms

○ Process of hiding the implementation details from the user, only the functionality will be provided to the user. In other words, the user will have the information on what the object does instead of how it does it.

○ A process that binds together the data and functions that manipulate the data and that keeps both safe from outside interference and misuse.

No Comments

Correct Answer

Score 10

What is the extension of Java source code files? > Multiple Choice `code` `extension`

`file` `files` `java`

QUESTION DESCRIPTION

What is the extension of Java source code files?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: code, extension, file, files, java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ● .java

○ .class

○ .jv

○ .jar

No Comments

QUESTION 18

✓

Correct Answer

Score 10

What is the process of defining more than one method in a class differentiated by method signature? › Multiple Choice

`java` `overloading`

QUESTION DESCRIPTION

What is the process of defining more than one method in a class differentiated by method signature?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, overloading

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ● Method Overloading

○ Method Overriding

○ Method Overwriting

○ Method Overlapping

No Comments

QUESTION 19

✓

Correct Answer

Score 10

What is the return type of Constructors? › Multiple Choice   `constructors` `java`

QUESTION DESCRIPTION

What is the return type of Constructors?...

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: constructors, java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

○ int

○ float

○ void

✓ ● No explicit return type

No Comments

⊗

Wrong Answer

Score 0

What is Truncation for numeric variables in Java? > Multiple Choice `java`

QUESTION DESCRIPTION

What is Truncation for numeric variables in Java?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ◯ Floating-point value assigned to an integer type

◯ Integer value assigned to floating type

◯ Floating-point value assigned to an Floating type

◉ None of the Mentioned

No Comments

⊗

Wrong Answer

Score 0

What should you do when a primitive int data type is required as a corresponding object? > Multiple Choice

`java` `respond`

QUESTION DESCRIPTION

What should you do when a primitive int data type is required as a corresponding object?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, respond

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

◯ Cast it to String

◉ Create a class containing that int as its only field

✓ ◯ Cast it to its corresponding wrapper class

◯ an int datatype is already an object

No Comments

✓

Correct Answer

Score 10

Which of the below is invalid identifier with main method? > Multiple Choice `java`

QUESTION DESCRIPTION

Which of the below is invalid identifier with main method?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

○ public

○ static

✓ ● private

○ final

No Comments

✓

Correct Answer

Score 10

Which of the following is a valid declaration of an object of class Box? > Multiple Choice `java`

QUESTION DESCRIPTION

Which of the following is a valid declaration of an object of class Box?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ● Box obj = new Box();

○ Box obj = new Box;

○ obj = new Box();

○ new Box obj;

No Comments

QUESTION 24

Score 0

Which of the following loops will execute the body of loop even when condition controlling the loop is initially false? › Multiple Choice

`java` `oops`

QUESTION DESCRIPTION

Which of the following loops will execute the body of loop even when condition controlling the loop is initially false?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, oops

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ○ do-while
- ○ while
- ● for
- ○ None of the above

No Comments

QUESTION 25

Score 10

Which of the following modifier means a particular variable cannot be accessed from other class even within the same package? › Multiple Choice

`java`

QUESTION DESCRIPTION

Which of the following modifier means a particular variable cannot be accessed from other class even within the same package?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ● private
- ○ public
- ○ protected
- ○ default

No Comments

❌

Wrong Answer

Score 0

Which of these is an invalid array declaration? > Multiple Choice java

QUESTION DESCRIPTION

Which of these is an invalid array declaration?...

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ○ int[] arr = new int[5];
- ○ int[] arr; arr = new int[5];
- ✓ ○ int[] arr = new int[];
- ● None of the mentioned

No Comments

✓

Correct Answer

Score 10

Which of these operators is used to allocate memory to array variable in Java? > Multiple Choice

java operators

QUESTION DESCRIPTION

Which of these operators is used to allocate memory to array variable in Java?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, operators

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ○ malloc
- ○ alloc
- ✓ ● new
- ○ new malloc

No Comments

Correct Answer

Score 10

Which of these statements is incorrect? › Multiple Choice `classes` `constructors` `java`

QUESTION DESCRIPTION

Which of these statements is incorrect?

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: classes, constructors, java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ● Interfaces can be instantiated

○ Abstract classes may or may not have abstract methods.

○ Interfaces cannot have constructors.

○ Abstrac classes can have constructors.

No Comments

Correct Answer

Score 10

Which one is a valid declaration of a boolean? › Multiple Choice `java`

QUESTION DESCRIPTION

Which one is a valid declaration of a boolean?...

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

○ boolean b1 = 1;

○ boolean b2 = â€˜falseâ€™;

✓ ● boolean b3 = false;

○ boolean b4 = True;

No Comments

Incorrect Polymorphism › Multiple Choice   code   java   polymorphism   snippets

QUESTION DESCRIPTION

```
Given these code snippets:
```

```
public abstract class Mineral {
  // define abstract methods for origin, hardness and appearance.
}

public class Diamond extends Mineral {
  // implement origin, hardness and appearance methods.
}
```

```
Is the following assignment valid?

Diamond d = new Mineral();
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: code, java, polymorphism, snippets

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ● YES
- ✓ ○ NO

No Comments

Method Overloading › Multiple Choice   java   overloading   rest

QUESTION DESCRIPTION

A class declares three methods with the same name as shown. Is this a
valid example of method overloading? Assume that Fuel is a class defined
in the same package.

```java
public class FireStarter {

  public void ignite(double oxygenAmount) {
    // ignite default fuel with the given O2
  }

  public void ignite(Fuel fuel, int amount) {
    // ignite the given amount of the fuel with the default amount of
oxygen.
  }

  public void ignite(Fuel fuel, int amount, double oxygenAmount) {
    // ignite the given amount of the fuel with the given O2
  }
}
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, overloading, rest

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ● TRUE

   ○ FALSE

No Comments

Polymorphism › Multiple Choice   element   file   java   polymorphism

QUESTION DESCRIPTION

```
What is the output of the following program? Assume that each class is
correctly declared in its own file and that the main method of Chemistry
is the JVM entry point.
```

```java
public class Element {
    public String appearance() {
        return "OVERRIDE THIS METHOD";
    }
}
public class Iodine extends Element {
    @Override public String appearance() {
        return "lustrous, purple-black non-metallic solid";
    }
}
public class Chemistry {
    public static void main(String[] args) {
        Element e = new Iodine();
        System.out.println(e.appearance());
    }
}
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: element, file, java, polymorphism

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ◯ lustrous, purple-black non-metallic solid

   ◉ OVERRIDE THIS METHOD

   ◯ The program will not compile because Iodine is not an Element.

   ◯ OVERRIDE THIS METHOD lustrous, purple-black non-metallic solid

No Comments

Exception handling > Multiple Choice `catch` `java` `runtime`

QUESTION DESCRIPTION

What will be the output of the following Java program?

```java
class ExceptionHandling {
    public static void main(String args[]) {
        try {
            int a, b;
            b = 0;
            a = 5 / b;
            System.out.print("A");
        } catch (ArithmeticException e) {
            System.out.print("B");
        }
    }
}
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: catch, java, runtime

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✓ ◯ B
- ⦿ A
- ◯ Compile time error
- ◯ Runtime error

No Comments

ETL Code Trace › Multiple Choice java   code trace

QUESTION DESCRIPTION

```
What is the output of the following Java program? package test;

class A {

    void ETL() {
        String E = "mySQL";
        String T = "Sqoop";
        String L = "hdfs";
        System.out.println(E + T + L);
    };

    void ETL(String ETL) {
        System.out.println(ETL.toUpperCase());
    }

    void ETL(String E, String T, String L) {

        System.out.println(E + T + L);
    }
}

public class Main {

    public static void main(String args[]) {
        String E = "extraction1";
        String T = "transformation2";
        String L = "loading3";

        A obj = new A();
        obj.ETL(E + T + L);
    }
}
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: hdfs, java, mysql

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ⚪ EXTRACTION1TRANSFORMATION2LOADING3

⚪ extraction1transformation2loading3

⦿ mySQLSqoophdfs

⚪ EXTRACTION1 TRANSFORMATION2 LOADING3

No Comments

ETL Code Trace 2 > Multiple Choice `java` `code trace`

QUESTION DESCRIPTION

```
What is the output of the following Java program? package test;

class A {
        String E = "extraction ";
        String T = "transformation ";
        String L = "loading ";

        final void ETL() {
                System.out.println(L + T + E);
        };
}

class B extends A {
        void ETL() {
                System.out.println(E + T + L);
        }
}

public class Main {
        public static void main(String args[]) {
                A obj = new B();
                obj.ETL();
        }
}
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java, runtime

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ◯ extraction transformation loading
- ⦿ loading transformation extraction
- ✓ ◯ Compile time error
- ◯ Runtime error
- ◯ None of the mentioned

No Comments

Java, Code Trace > Multiple Choice   `java`   `code trace`

QUESTION DESCRIPTION

```
What is the output of the following Java program?
package test;
    class A {
        String sdlc[] = {
            "requirement analysis",
            "design",
            "development",
            "testing",
            "implementation",
            "maintenance"
        };
    }
    class B extends A {
        private String sdlc[] = {
            "r",
            "d",
            "d",
            "t",
            "i",
            "m"
        };
    }
    class C extends B {
        String sdlc[] = {
            "s",
            "d",
            "l",
            "c"
        };
    }
    public class Main {
        public static void main(String args[]) {
            B obj = new C();
            for (int i = 0; i < obj.sdlc.length; i++) {
                System.out.print(obj.sdlc[i] + " ");
            }
        }
    }
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: "c", design, development, java, requirement analysis, runtime, sdlc, testing

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

( ) requirement analysis design development testing implementation
    maintenance

( ) s d l c

( ) r d d t i m

✓ ( ) Compile time error

(●) Runtime error

No Comments

Operators Code Trace › Multiple Choice [java] [code trace]

QUESTION DESCRIPTION

```
What is the output of the following Java program? package test;

public class Bool_operator {

        public static void main(String args[]) {
                boolean a = true;
                boolean b = !true;
                boolean c = a || b;
                boolean d = a && b;
                boolean e = d ? b : c;
                System.out.println(d + " " + e);
        }
}
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓ ⭕ false true

⭕ false false

⭕ true false

🔘 true true

No Comments

Code Trace Array Output › Multiple Choice   `java`   `code trace`

QUESTION DESCRIPTION

```
What is the output of the following Java program? package test;
public class Array_output
{
        public static void main(String args[]){
            int array_variable[][] = {{ 1, 2, 3}, { 4 , 5, 6}, { 7, 8,
9}};
            int sum = 0;
            for (int i = 0; i < 3; ++i) {
                for (int j = 0; j <  3 ; ++j) {
                    sum = sum + array_variable[i][j];
                }
            }
            System.out.print(sum / 5);
        }
    }
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

- ✅ ⚪ 9
- 🔘 10
- ⚪ 11
- ⚪ 8

No Comments

QUESTION 39

❌

Wrong Answer

Score 0

Jump statments Code Trace › Multiple Choice   java   code trace

QUESTION DESCRIPTION

```
What is the output of the following Java program? package test;

public class Jump_statments {
        public static void main(String args[]) {
                int x = 2;
                int y = 0;
                for (; y < 10; ++y) {
                        if (y % x == 0)
                                continue;
                        else if (y == 8)
                                break;
                        else
                                System.out.print(y + " ");
                }
        }
}
```

INTERVIEWER GUIDELINES

Please read the material on the following topic to learn more about this question: java

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✅ ⦿ 1 3 5 7 9

⦿ 1 3 5 7

⦿ 1 2 3 4 5 6 7 8 9

⦿ 2 4 6 8

No Comments

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