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Full Name:	thomas zangari
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Test Name:	**AD - KBA - Core Java**
Taken On:	3 Sep 2020 09:15:13 EDT
Time Taken:	52 min 43 sec/ 90 min
Work Experience:	4 years
City:	Richmond
Course:	[TEK Boston] 2020-Java Developer 01
Resume:	https://hackerrank-resumes.s3.amazonaws.com/8107755/Fuwt2Tl95IuLxRLtHC21VQCQqamSVAIPZdQ8Xja1TIeAghWPMUyGUFh_VkU7bH15Ag/Thomas_Zangari.pdf
Invited by:	Customized
Invited on:	2 Sep 2020 15:53:42 EDT

84.6%

330/390

scored in **AD - KBA - Core Java** in 52 min 43 sec on 3 Sep 2020 09:15:13 EDT

Skills Score:

Tags Score:

abstraction	20/20
catch	20/20
classes	20/30
code	30/30
code trace	30/60
composition	10/10
constructors	20/30
declarations	10/10
element	10/10
encapsulation	20/20
extension	10/10
file	30/30
files	10/10
finally	10/10
forms	40/40
functional	40/40
inheritance	30/30
input	10/10
instance variables	10/10
java	330/390
local variables	0/10
manual	10/10
object-oriented	40/40
oops	10/10
operators	10/10
overloading	30/30

/

	packages	0/10
	polymorphism	40/40
	programming	30/30
	respond	10/10
	rest	10/10
	runtime	10/10
	snippets	10/10
	switch	10/10
	throw	20/20

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	**Access modifier - protected** › **Multiple Choice**	1 min 18 sec	0/ 10	⊗
Q2	**Class Declarations** › **Multiple Choice**	25 sec	10/ 10	⊘
Q3	**Exception** › **Multiple Choice**	30 sec	10/ 10	⊘
Q4	**File Exception** › **Multiple Choice**	11 sec	10/ 10	⊘
Q5	**Interface** › **Multiple Choice**	1 min 44 sec	0/ 10	⊗
Q6	**IS-A relationship** › **Multiple Choice**	11 sec	10/ 10	⊘
Q7	**Method declaration** › **Multiple Choice**	34 sec	10/ 10	⊘
Q8	**Method overloading** › **Multiple Choice**	33 sec	10/ 10	⊘
Q9	**Multiple Inheritance** › **Multiple Choice**	14 sec	10/ 10	⊘
Q10	**static keyword** › **Multiple Choice**	2 min 27 sec	0/ 10	⊗
Q11	**How many copies of static (class) variables and instance variables are created when 10 objects are created of a class?** › **Multiple Choice**	22 sec	10/ 10	⊘
Q12	**What is an Abstraction in object-oriented programming?** › **Multiple Choice**	1 min 4 sec	10/ 10	⊘
Q13	**What is an Encapsulation in object-oriented programming?** › **Multiple Choice**	1 min 34 sec	10/ 10	⊘
Q14	**What is Autoboxing?** › **Multiple Choice**	23 sec	10/ 10	⊘
Q15	**What is Inheritance in Object-Oriented Programming?** › **Multiple Choice**	23 sec	10/ 10	⊘
Q16	**What is Polymorphism In object-oriented programing?** › **Multiple Choice**	9 sec	10/ 10	⊘
Q17	**What is the extension of Java source code files?** › **Multiple Choice**	1 min 8 sec	10/ 10	⊘
Q18	**What is the process of defining more than one method in a class differentiated by method signature?** › **Multiple Choice**	1 min 18 sec	10/ 10	⊘
Q19	**What is the return type of Constructors?** › **Multiple Choice**	1 min 12 sec	10/ 10	⊘

/

Q20	What is Truncation for numeric variables in Java? › Multiple Choice	2 min 13 sec	10/ 10	✓
Q21	What should you do when a primitive int data type is required as a corresponding object? › Multiple Choice	9 sec	10/ 10	✓
Q22	Which of the below is invalid identifier with main method? › Multiple Choice	51 sec	10/ 10	✓
Q23	Which of the following is a valid declaration of an object of class Box? › Multiple Choice	19 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	28 sec	10/ 10	✓
Q25	Which of the following modifier means a particular variable cannot be accessed from other class even within the same package? › Multiple Choice	3 min 29 sec	10/ 10	✓
Q26	Which of these is an invalid array declaration? › Multiple Choice	31 sec	10/ 10	✓
Q27	Which of these operators is used to allocate memory to array variable in Java? › Multiple Choice	31 sec	10/ 10	✓
Q28	Which of these statements is incorrect? › Multiple Choice	33 sec	10/ 10	✓
Q29	Which one is a valid declaration of a boolean? › Multiple Choice	17 sec	10/ 10	✓
Q30	Incorrect Polymorphism › Multiple Choice	56 sec	10/ 10	✓
Q31	Method Overloading › Multiple Choice	40 sec	10/ 10	✓
Q32	Polymorphism › Multiple Choice	47 sec	10/ 10	✓
Q33	Exception handling › Multiple Choice	24 sec	10/ 10	✓
Q34	ETL Code Trace › Multiple Choice	6 min 19 sec	0/ 10	✗
Q35	ETL Code Trace 2 › Multiple Choice	5 min 17 sec	10/ 10	✓
Q36	Java, Code Trace › Multiple Choice	6 min 4 sec	0/ 10	✗
Q37	Operators Code Trace › Multiple Choice	1 min 18 sec	10/ 10	✓
Q38	Code Trace Array Output › Multiple Choice	2 min 28 sec	10/ 10	✓
Q39	Jump statments Code Trace › Multiple Choice	3 min 6 sec	0/ 10	✗

/

QUESTION 1

❌

Wrong Answer

Score 0

Access modifier - protected > Multiple Choice `classes` `constructors` `java` `packages`

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

QUESTION 2

✅

Correct Answer

Score 10

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

/

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

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

/

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)

○ abstract only

⦿ final only

✅ ○ abstract and final

○ Integer

No Comments

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 10

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

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

/

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

---

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

/

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

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

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

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

abstraction   forms   functional   java   object-oriented   programming

What is an Abstraction in object-oriented programming?

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

Correct Answer

Score 10

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

/

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

/

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

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

/

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

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

✓ Correct Answer

Score 10

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

java   oops

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

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

✓ Correct Answer

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

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

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

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

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

/

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 not have abstract methods.

○ Interfaces cannot have constructors.

○ Abstrac classes can have constructors.

No Comments

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.

```
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?

```
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

```java
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

```
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`

```
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);
      }
}
```

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

/

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

/