# 1z0-808 Dumps

# Java SE 8 Programmer I

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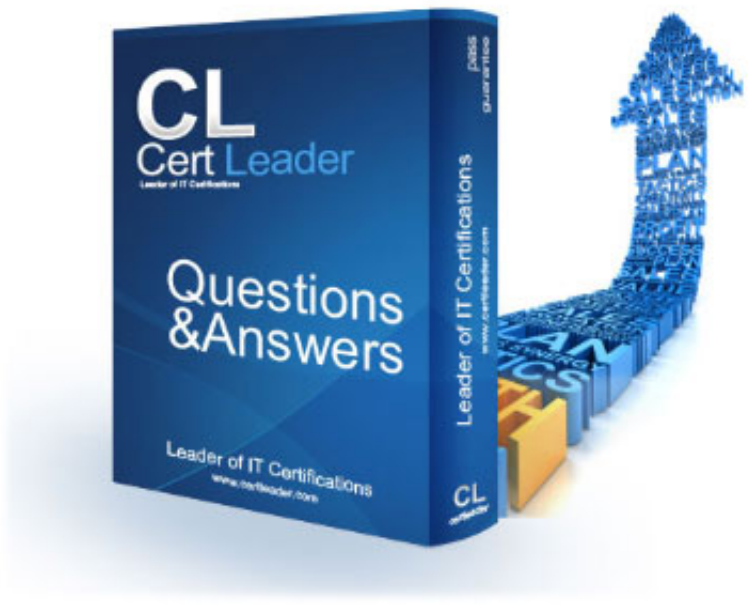


**NEW QUESTION 1**
Given:

```
public static void main(String[] args) {
    String ta = "A ";
    ta = ta.concat("B ");
    String tb = "C ";
    ta = ta.concat(tb);
    ta.replace('C', 'D');
    ta = ta.concat(tb);
    System.out.println(ta);
}
```

What is the result?

A. A B C D
B. A C D
C. A C D D
D. A B D
E. A B D C

**Answer:** C

**NEW QUESTION 2**
Given the code fragment:

```
public static void main(String[] args) {
    int ans;
    try {
        int num = 10;
        int div = 0;
        ans = num / div;
    } catch (ArithmeticException ae) {
        ans = 0;                                    // line n1
    } catch (Exception e) {
        System.out.println("Invalid calculation");
    }
    System.out.println("Answer = " + ans);    // line n2
}
```

What is the result?

A. Answer = 0
B. Invalid calculation
C. Compilation fails only at line n1.
D. Compilation fails only at line n2.
E. Compilation fails at line n1 and line2.

**Answer:** C

**Explanation:**

```
1
2 public class Test {
3   public static void main(String[] args) {
4     int ans;
5     try {
6       int num = 10;
7       int div = 0;
8       ans = num / div;
9     } catch (ArithmeticException ae) {
10      ans = 0;
11    } catch (Exception e) {
12        System.out.println("Invalid calculation");
  variable ans might not have been initialized
14    System.out.println("Answer = " + ans);  //line n2
15  }
16 }
```

**NEW QUESTION 3**
Given the code fragments:

Person.java:

```
public class Person {
    String name;
    int age;

    public Person(String n, int a) {
        name = n;
        age = a;
    }

    public String getName() {
        return name;
    }

    public int getAge() {
        return age;
    }
}
```

Test.java:

```
public static void checkAge(List<Person> list, Predicate<Person> predicate) {
    for (Person p : list) {
        if (predicate.test(p)) {
            System.out.println(p.name + " ");
        }
    }
}

public static void main(String[] args) {
    List<Person> iList = Arrays.asList(new Person("Hank", 45),
                                       new Person("Charlie", 40),
                                       new Person("Smith", 38));
    //line n1
}
```

Which code fragment, when inserted at line n1, enables the code to print Hank?

**A**

```
checkAge (iList, ( ) -> p. get Age ( ) > 40);
```

**B**

```
checkAge(iList, Person p -> p.getAge( ) > 40);
```

**C**

```
checkAge (iList, p -> p.getAge ( ) > 40);
```

**D**

```
checkAge(iList, (Person p) -> { p.getAge() > 40; });
```

A. Option A
B. Option B
C. Option C
D. Option D

**Answer:** C

**NEW QUESTION 4**
You are asked to develop a program for a shopping application, and you are given this information:

- The application must contain the classes Toy, EduToy, and ConsToy. The Toy class is the superclass of the other two classes.
- The int calculatePrice (Toy t) method calculates the price of a toy.
- The void printToy (Toy t) method prints the details of a toy.

Which definition of the Toy class adds a valid layer of abstraction to the class hierarchy?

A
```
public abstract class Toy{
    public abstract int calculatePrice(Toy t);
    public void printToy(Toy t) { /* code goes here */ }
}
```

B
```
public abstract class Toy {
    public int calculatePrice(Toy t) ;
    public void printToy(Toy t) ;
}
```

C
```
public abstract class Toy {
    public int calculatePrice(Toy t);
    public final void printToy(Toy t){ /* code goes here */ }
}
```

D
```
public abstract class Toy {
    public abstract int calculatePrice(Toy t) { /* code goes here */ }
    public abstract void printToy(Toy t) { /* code goes here */ }
}
```

A. Option A
B. Option B
C. Option C
D. Option D

**Answer:** A

**NEW QUESTION 5**
Given:
```
String stuff = "TV";
String res = null;

if (stuff.equals("TV")) {
    res = "Walter";
} else if (stuff.equals("Movie")) {
    res = "White";
} else {
    res = "No Result";
}
```
Which code fragment can replace the if block?

A
```
stuff.equals ("TV") ? res= "Walter" : stuff.equals ("Movie") ?
res = "White" : res = "No Result";
```

B
```
res = stuff.equals ("TV") ? "Walter" else stuff.equals
("Movie")? "White" : "No Result";
```

C
```
res = stuff.equals ("TV") ? stuff.equals ("Movie")? "Walter" :
"White" : "No Result";
```

D
```
res = stuff.equals ("TV")? "Walter" : stuff.equals ("Movie")?
"White" : "No Result";
```

A. Option A
B. Option B
C. Option C
D. Option D

**Answer:** D

**NEW QUESTION 6**

Given the code fragment:

```
public static void main (String[] args) {
      String[] arr = ("Hi", "How", "Are", "You");
      List<String> arrList = new ArrayList<>(Arrays.asList(arr);
      if (arrList.removeIf((String s) -> (return s.length() <= 2;))) {
            System.out.println(s + "removed")'
      }
}
```

What is the result?

A. Compilation fails.
B. Hi removed
C. An UnsupportedOperationException is thrown at runtime.
D. The program compiles, but it prints nothing.

**Answer:** A

**NEW QUESTION 7**
Given:

```
public class Test {
      public static void main(String[] args) {
            int x = 1;
            int y = 0;
            if(x++ > ++y) {
                  System.out.print("Hello ");
            } else {
                  System.out.print("Welcome ");
            }
            System.out.print("Log " + x + ":" + y);
      }
}
```

What is the result?

A. Hello Log 1:0
B. Hello Log 2:1
C. Welcome Log 2:1
D. Welcome Log 1:0

**Answer:** C

**NEW QUESTION 8**
Given the code fragment:

```
LocalDate Time dt= LocalDateTime.of (2014, 7, 31, 1, 1);
dt.plusDays (30);
dt. plusMonths (1);
System.out.print (dt format (DateTimeFormatter. ISO_DATE) );
```

What is the result?

A. An exception is thrown at runtim
B. 07-31-2014
C. 2014-07-31
D. 2014-09-30

**Answer:** A

**NEW QUESTION 9**
Given the code fragment:

```
int x = 100;
int a = x++;
int b = ++x;
int c = x++;
int d = (a < b) ? (a < c) ? a: (b <c )? b: c: x;
System.out.println(d);
```

What is the result?

A. 100
B. 101
C. 102
D. 103

E. Compilation fails

**Answer:** E

**NEW QUESTION 10**
Given the code fragment:

```
public static void main(String[] args) {
    int data[] = {2010, 2013, 2014, 2015, 2014};
    int key = 2014;
    int count = 0;
    for (int e: data) {
        if (e != key) {
            continue;
            count++;
        }
    }
    System.out.print(count + " Found");
}
```

What is the result?

A. Compilation fails.
B. 0 Found
C. 1 Found
D. 3 Found

**Answer:** A

**NEW QUESTION 10**
Given:

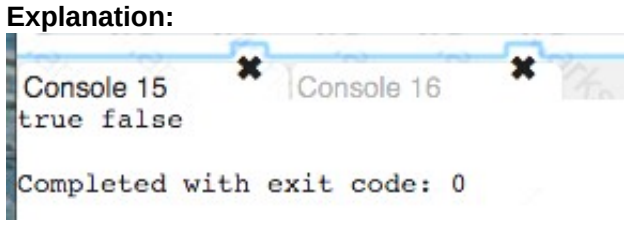
```
public class Test {
    public static void main(String[] args) {
        Test ts = new Test();
        System.out.print(isAvailable + " ");
        isAvailable= ts.doStuff();
        System.out.println(isAvailable);
    }
    public static boolean doStuff() {
        return !isAvailable;
    }
    static boolean isAvailable = true;
}
```

What is the result?

A. Compilation fails.
B. false true
C. true false
D. true true
E. false false

**Answer:** C

**Explanation:**




**NEW QUESTION 11**
Given the code fragment:

```
public static void main(String[] args) {
    ArrayList<Integer> points = new ArrayList<>();
    points.add(1);
    points.add(2);
    points.add(3);
    points.add(4);
    points.add(null);
    points.remove(1);
    points.remove(null);
    System.out.println(points);
}
```

What is the result?

A. A NullPointerException is thrown at runtim
B. [1, 2, 4]
C. [1, 2, 4, null]
D. [1, 3, 4, null]
E. [1, 3, 4]
F. Compilation fails.

**Answer:** B

**NEW QUESTION 16**
Given:

```
public class Test {
    public static void main(String[] args) {
       boolean a = new Boolean(Boolean.valueOf(args[0]));
       boolean b = new Boolean(args[1]);
       System.out.println(a + " " + b);
    }
}
```

And given the commands:

```
javac Test.java
java Test 1 null
```

What is the result?

A. 1 null
B. true false
C. false false
D. true true
E. A ClassCastException is thrown at runtime.

**Answer:** D

**NEW QUESTION 21**
Given:

```
public class MyClass {
    public static void main(String[] args) {
       String s = "Java SE 8 1";
       int len = s.trim().length();
       System.out.print(len);
    }
}
```

What is the result?

A. Compilation fails.
B. 11
C. 8
D. 9
E. 10

**Answer:** B

**NEW QUESTION 26**
Given the code fragment:

```
public class Employee {
    String name;
    boolean contract;
    double salary;
    Employee() {
        // line n1
    }
    public String toString(){
        return name + ":" + contract + ":" + salary;
    }
    public static void main(String[] args) {
        Employee e = new Employee();
        // line n2
        System.out.print(e);
    }
}
```

Which two modifications, when made independently, enable the code to print Joe:true: 100.0? (Choose two.)

☐ A) Replace `line n2` with:
```
e.name = "Joe";
e.contract = true;
e.salary = 100;
```

☐ B) Replace `line n2` with:
```
this.name = "Joe";
this.contract = true;
this.salary = 100;
```

☐ C) Replace `line n1` with:
```
this.name = new String("Joe");
this.contract = new Boolean(true);
this.salary = new Double(100);
```

☐ D) Replace `line n1` with:
```
name = "Joe";
contract = TRUE;
salary = 100.0f;
```

☐ E) Replace `line n1` with:
```
this("Joe", true, 100);
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

**Answer:** AC

**NEW QUESTION 29**

Given:

```
interface Readable {
    public void readBook();
    public void setBookMark();
}

abstract class Book implements Readable {   // line n1
    public void readBook() { }
    // line n2
}

class EBook extends Book {                  // line n3
    public void readBook() { }
    // line n4
}
```

And given the code fragment: Book book1 = new EBook(); book1.readBook();
Which option enables the code to compile?

A) Replace the code fragment at `line n1` with:
```
class Book implements Readable {
```

B) At `line n2` insert:
```
public abstract void setBookMark();
```

C) Replace the code fragment at `line n3` with:
```
abstract class EBook extends Book {
```

D) At `line n4` insert:
```
public void setBookMark() { }
```

A. Option A
B. Option B
C. Option C
D. Option D

**Answer:** D

**NEW QUESTION 32**
Given the code fragment:

```
LocalDateTime dt = LocalDateTime.of(2014, 7, 31, 1, 1);
dt.plusDays(30);
dt.plusMonths(1);
System.out.println(dt.format(DateTimeFormatter.ISO_DATE_TIME));
```

What is the result?

A. An exception is thrown at runtim
B. 2014-07-31T01:01:00
C. 2014-07-31
D. 2014-09-30T00:00:00

**Answer:** B

**NEW QUESTION 35**
Which three statements are true about exception handling? (Choose three.)

A. Only unchecked exceptions can be rethrown.
B. All subclasses of the RuntimeException class are not recoverable.
C. The parameter in a catch block is of Throwable type.
D. All subclasses of the RuntimeException class must be caught or declared to be thrown.
E. All subclasses of the RuntimeException class are unchecked exceptions.
F. All subclasses of the Error class are not recoverable.

**Answer:** BCD

**NEW QUESTION 37**
Given:

```
class A {
    public void test() {
        System.out.println("A ");
    }
}

class B extends A {
    public void test() {
        System.out.println("B ");
    }
}

public class C extends A {
    public void test() {
        System.out.println("C ");
    }

    public static void main(String[] args) {
        A b1 = new A();
        A b2 = new C();
        A b3 = (B) b2;              //line n1
        b1 = (A) b2;                //line n2
        b1.test();
        b3.test();
    }
}
```

What is the result?

A. AB
B. AC
C. CC
D. A ClassCastException is thrown only at line n1.
E. A ClassCastException is thrown only at line n2.

**Answer:** D

**NEW QUESTION 42**
Given the code fragment:

```
public static void main(String[] args) {
      LocalDate date = LocalDate.of(2012, 01, 32);
      date.plusDays(10);
      System.out.println(date);
}
```

What is the result?

A. 2012-02-10
B. 2012-02-11
C. Compilation fails
D. A DateTimeException is thrown at runtime.

**Answer:** D

**NEW QUESTION 43**
Given this class:

```
public class CheckingAccount {
    public int amount;
    //line n1
}
```

And given this main method, located in another class:

```
public static void main(String[] args) {
    CheckingAccount acct = new CheckingAccount();
    //line n2
}
```

Which three pieces of code, when inserted independently, set the value of amount to 100?

A

At `line n1` insert:

```
public CheckingAccount(){
    amount = 100;
}
```

B

At `line n2` insert:

```
this.amount = 100;
```

C

At `line n2` insert:

```
amount = 100;
```

D

At `line n1` insert:

```
public CheckingAccount(){
    this.amount = 100;
}
```

E

At `line n2` insert:

```
acct.amount = 100;
```

F

At `line n1` insert:

```
public CheckingAccount(){
    acct.amount = 100;
}
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E
F. Option F

**Answer:** DE

**NEW QUESTION 48**
Given the code snippet from a compiled Java source file:

```
public class MyFile
{
    public static void main (String[] args)
    {
        String arg1 = args[1];
        String arg2 = args[2];
        String arg3 = args[3];
        System.out.println("Arg is " + arg3);
    }
}
```

Which command-line arguments should you pass to the program to obtain the following output? Arg is 2

A. java MyFile 1 3 2 2
B. java MyFile 2 2 2
C. java MyFile 1 2 2 3 4
D. java MyFile 0 1 2 3

**Answer:** A

**NEW QUESTION 53**
Given:

```
class Test {
    int a1;

    public static void doProduct(int a) {
        a = a * a;
    }

    public static void doString(String s) {
        s.concat(" " + s);
    }

    public static void main(String[] args) {
        Test item = new Test();
        item.a1 = 11;
        String sb = "Hello";
        Integer i = 10;
        doProduct(i);
        doString(sb);
        doProduct(item.a1);
        System.out.println(i + " " + sb + " " + item.a1);
    }
}
```

What is the result?

A. 10 Hello Hello 11
B. 10 Hello Hello 121
C. 100 Hello 121
D. 100 Hello Hello 121
E. 10 Hello 11

**Answer:** E

**NEW QUESTION 55**
Given the code fragment:

```
public static void main(String[] args) {
    StringBuilder sb = new StringBuilder("Java");
    String s = "Java";

    if (sb.toString().equals(s.toString())) {
        System.out.println("Match 1");
    } else if (sb.equals(s)) {
        System.out.println("Match 2");
    } else {
        System.out.println("No Match");
    }
}
```

What is the result?

A. Match 1
B. Match 2
C. No Match
D. A NullPointerException is thrown at runtime.

**Answer:** A

**NEW QUESTION 57**
Given:

```
class Student {
      String name;
      public Student(String name) {
            this.name = name;
      }
}

public class Test {
      public static void main(String[] args) {
            Student[] students = new Student[3];
            students[1] = new Student("Richard");
            students[2] = new Student("Donald");
            for (Student s : students) {
                  System.out.println("" + s.name);
            }
      }
}
```

What is the result?

A. nullRichardDonald
B. RichardDonald
C. Compilation fails.
D. An ArrayIndexOutOfBoundsException is thrown at runtime.
E. A NullPointerException is thrown at runtime.

**Answer:** E

**NEW QUESTION 61**
Given this class:

```
public class Rectangle {
      private double length;
      private double height;
      private double area;

      public void setLength(double length) {
            this.length = length;
      }
      public void setHeight(double height) {
            this.height = height;
      }
      public void setArea() {
            area = length*height;
      }
}
```

Which two changes would encapsulate this class and ensure that the area field is always equal to length * height whenever the Rectangle class is used?

A. Call the setArea method at the end of the setHeight method.
B. Call the setArea method at the beginning of the setHeight method.
C. Call the setArea method at the end of the setLength method.
D. Call the setArea method at the beginning of the setLength method.
E. Change the setArea method to private.
F. Change the area field to public.

**Answer:** AE

**NEW QUESTION 66**
Which statement is true about the switch statement?

A. It must contain the default section.
B. The break statement, at the end of each case block, is optional.
C. Its case label literals can be changed at runtime.
D. Its expression must evaluate to a collection of values.

**Answer:** B

**NEW QUESTION 68**
Which two statements are true? (Choose two.)

A. Error class is unextendable.
B. Error class is extendable.
C. Error is a RuntimeException.
D. Error is an Exception.

E. Error is a Throwable.

**Answer:** BC

**NEW QUESTION 69**
Which three statements describe the object-oriented features of the Java language? (Choose three.)

A. Objects cannot be reused.
B. A subclass must override the methods from a superclass.
C. Objects can share behaviors with other objects.
D. A package must contain a main class.
E. Object is the root class of all other objects.
F. A main method must be declared in every class.

**Answer:** BCF

**NEW QUESTION 70**
Which statement will empty the contents of a StringBuilder variable named sb?

A. s
B. deleteAll ();
C. s
D. delete (0, s
E. size () );
F. s
G. delete (0, s
H. length () );
I. s
J. removeAll ();

**Answer:** C

**NEW QUESTION 71**
Given the code fragment:

```
String[] strs = {"A", "B"};
int idx = 0;
for (String s : strs) {
       strs[idx].concat(" element " + idx);
       idx++;
}
for (idx = 0; idx < strs.length; idx++) {
       System.out.println(strs[idx]);
}
```

What is the result?

A. AB
B. A element 0B element 1
C. A NullPointerException is thrown at runtime.
D. A 0B 1

**Answer:** C

**NEW QUESTION 75**
Given the code fragment:

```
int nums1[] = {1, 2, 3};
int nums2[] = {1, 2, 3, 4, 5};
nums 2 = nums 1;
for (int x : nums2){
    System.out.print(x + ":");
}
```

What is the result?

A. 1:2:3:4:5:
B. 1:2:3:
C. Compilation fails.
D. An ArrayOutOfBoundsException is thrown at runtime.

**Answer:** A

**NEW QUESTION 76**
Given:

```
public class App {
      public static void main(String[] args) {
            int i = 10;
            int j = 20;
            int k =(j += i)/ 5;
            System.out.print(i + " : " + j + " : " + k);
      }
}
```

What is the result?

A. 10 : 30 : 6
B. 10 : 22 : 22
C. 10 : 22 : 20
D. 10 : 22 : 6

**Answer:** A

**NEW QUESTION 78**
.....

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