



Take-Home Quizzes

Review Test Submission: Java Review 1

Review Test Submission: Java Review 1

User	Jinlang Wang
Course	2194_CS_0401_SEC1500_INTRMDET PROGRAMMING USING JAVA
Test	Java Review 1
Started	1/23/19 2:46 PM
Submitted	1/23/19 9:27 PM
Due Date	1/27/19 11:59 PM
Status	Completed
Attempt Score	10 out of 10 points
Time Elapsed	6 hours, 40 minutes
Results	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

Question 1

1 out of 1 points



Consider the following program:

```
public class BlahBlahBlah
{
    public static void main(String[] args)
    {
        System.out.println("My name is
Dracula. Blah Blah Blah.");
    }
}
```

What is the valid file name of the above program?

Selected Answer:  d. BlahBlahBlah.java

Answers: a. blablahblah.java

b. blahBlahBlah.java

c. Dracula.program

☒ d. BlahBlahBlah.java

Response Since the class name is BlahBlahBlah, the file
Feedback: name of this code should be BlahBlahBlah.java. Do not forget that BlahBlahBlah in the above program is an identifier. Identifiers are case-sensitive in Java. Thus, BlahBlahBlah is not the same as blahblahblah or blahBlahBlah.

Question 2

1 out of 1 points



What is the correct Java statement that displays the message

CS0401 - Intermediate Programming using Java
on the console screen?

Selected ☒ d.

Answer: `System.out.print("CS0401 - Intermediate Programming using Java");`

Answers: a.
`print("CS0401 - Intermediate Programming using Java");`

b.
`"CS0401 - Intermediate Programming using Java";`

c.
`print "CS0401 - Intermediate Programming using Java";`

☒ d.
`System.out.print("CS0401 - Intermediate Programming using Java");`

Response The only correct choice is the statement

Feedback: `System.out.print("CS0401 - Intermediate Programming using Java");`

Recall that `System.out` is a predefined object and it contains methods like `print()`, `println()`, `printf()`. To print a string, simply put a string literal or anything that can be converted into a string as an argument to those method.

Question 3

1 out of 1 points



Which of the following is not a keyword in Java?

Selected Answer: ☒ b. Double

- Answers:
- ☐ a. int
 - ☒ b. Double
 - ☐ c. static
 - ☐ d. public

Response `double` is a keyword in Java but not
Feedback: `Double`. Identifiers in Java are case-sensitive.

Question 4

1 out of 1 points

Which of the following is **NOT** a valid identifier in Java?Selected Answer: ☒ c. 2for10

- Answers:
- ☐ a. dollar\$value
 - ☐ b. a
 - ☒ c. 2for10
 - ☐ d. Total_Amount

Response A Java identifier must start with a letter (a - z
Feedback: or A - Z), or the underscore. It cannot begin with a digit.

Question 5

1 out of 1 points



Consider the following Java program

```
public class PrintSomething
{
    public static void main(String[] args)
    {
        int aValue = 5;
        System.out.println(Avalue);
    }
}
```

```
}
```

What would happen if we try to compile and run the above Java program?

Selected Answer: ☒ b. The program cannot be compiled.
Answer:

- Answers:
- a.
The program can be compiled without problem but it will cause a runtime error (exception).
 - ☒ b. The program cannot be compiled.
 - c.
The program can be compiled and run without any problems but there is no outputs when run.
 - d.
The program can be compiled and run without any problems. When run, the output on the console screen will be as follows:
5

Response Feedback: The program cannot be compiled because the identifier Avalue has not been declared. Do not forget that identifiers in Java are case-sensitive. So, aValue is not the same as Avalue.

Question 6

1 out of 1 points



Which of the following is an integer literal?

Selected Answer: ☒ b. 6

- Answers:
- a. "6"
 - ☒ b. 6
 - c. int
 - d. 6.0

Response Feedback: An integer literal can start with either + or – symbol (optional) and followed by one or more digits.

Question 7

1 out of 1 points

How to declare a variable named `value` of type `double`?



Selected Answer: ☒ b. double value;

Answers:

- ☐ a. Double value;
- ☒ b. double value;
- ☐ c. (double) value;
- ☐ d. value double;

Response The syntax is

Feedback: `type identifier;`

The `type` can be on of the primitive types or a class. Thus, the correct answer is

`double value;`

Note that `(double) value` is incorrect. A type surrounded by parentheses is consider a casting.

Question 8

1 out of 1 points



Which of the following is **NOT** a valid variable declaration?

Selected Answer: ☒ d. float x = 10.1;

Answers:

- ☐ a. int a, b = 10;
- ☐ b. double a = (double) 10;
- ☐ c. String s = "Hello" + "World";
- ☒ d. float x = 10.1;

Response By default, 10.1 is a double literal. (a literal of type double). In Java, a float variable has less precision compare to a double. You cannot assigned a higher precision value to a lower precision variable. Note that

`float x = (float) 10.1;`

is okay.

Question 9

1 out of 1 points



Which of the following is **NOT** a primitive type in Java?

Selected Answer: ☒ bool

Answers: ☒ bool

☐ short

☐ char

☐ float

Response bool is not a primitive type in Java. The
Feedback: primitive type that stores either true or false in Java is called type boolean.

Question 10

1 out of 1 points



What is the output of the following program?

```
public class WhatOutput
{
    public static void main(String[] args)
    {
        int x = 2, y = 4;
        System.out.println("values: " + x +
y);
    }
}
```

Selected Answer: ☒ b. values: 24

Answers: ☐ a. values: 2 6

☒ b. values: 24

☐ c. values: 2 + 4

☐ d. values: 6

Response The + symbol can be considered as the plus
Feedback: operator or the concatenation operator. From the above program, the expression is

"values: " + x + y

The associativity of + is left-to-right. Thus, the above expression is evaluated in the following order:

("values: " + x) + y

"values: " is a string literal. Thus the + symbol on the left is the string

concatenation which results in the string "values: 2". Now, "values: 2" + y becomes "values: 24" (again, string concatenation). Note that if both operands are number, the + symbol will be considered the plus operator.

Tuesday, March 5, 2019 9:21:00 PM EST

← OK