

CS6312: Program Construction II [S18]

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Started on	Sunday, January 14, 2018, 6:41 PM
State	Finished
Completed on	Sunday, January 14, 2018, 6:51 PM
Time taken	9 mins 46 secs
Grade	8.00 out of 10.00 (80%)

Question 1

Correct

1.00 points out of 1.00

Flag question

Two strings with same contents are ALWAYS allocated to the same object.

Select one:

- ☒ a. false ✓
- ☐ b. true

Question 2

Correct

1.00 points out of 1.00

Flag question

To get a string from the StringBuffer, you use the toString method.

Select one:

- ☒ a. true ✓
- ☐ b. false

Question 3

Correct

1.00 points out of 1.00

Flag question

To create an instance of BigDecimal for 454.45, use _____.

Select one:

- ☐ a. BigInteger("454.45");
- ☒ b. new BigDecimal("454.45"); ✓
- ☐ c. BigInteger(454.45);
- ☐ d. new BigInteger(454.45);

Question 4

Correct

1.00 points out of 1.00

Flag question

The StringBuilder methods _____ not only change the contents of a string buffer, but also returns a reference to the string buffer.

Select one or more:

- ☒ a. delete ✓
- ☒ b. replace ✓
- ☒ c. reverse ✓
- ☒ d. append ✓
- ☒ e. insert ✓

Question 5

Correct

1.00 points out of 1.00

Flag question

What is displayed by the following statement?

```
System.out.println("Java is neat".replaceAll("is", "AAA"));
```

Select one:

- ☐ a. JavaAAAneat
- ☐ b. Java AAAneat
- ☒ c. Java AAA neat ✓
- ☐ d. JavaAAA neat

Question 6

Correct

1.00 points out of 1.00

Flag question

Which of the following is the correct statement to return a string from an array a of characters?

Select one:

- ☐ a. convertToString(a)
- ☐ b. toString(a)
- ☐ c. String.toString(a)
- ☒ d. new String(a) ✓

Question 7

Partially correct

0.50 points out of 1.00

Flag question

Which of the following is true?

Select one or more:

- ☒ a. You can reverse the characters in a string buffer. ✓
- ☐ b. The capacity of a string buffer can be automatically adjusted.
- ☐ c. You can delete characters into a string buffer.
- ☒ d. You can add characters into a string buffer. ✓

Question 8

Partially correct

0.50 points out of 1.00

Flag question

To add BigInteger b1 to b2, you write _____.

Select one or more:

- ☐ a. b2.add(b1);
- ☒ b. b1 = b2.add(b1); ✗
- ☐ c. b2 = b2.add(b1);
- ☐ d. b1.add(b2);
- ☒ e. b2 = b1.add(b2); ✓

Question 9

Correct

1.00 points out of 1.00

Flag question

To create an instance of BigInteger for 454, use _____.

Select one:

- ☐ a. BigInteger(454);
- ☒ b. new BigInteger("454"); ✓
- ☐ c. BigInteger("454");
- ☐ d. new BigInteger(454);

Question 10

Incorrect

0.00 points out of 1.00

Flag question

What is displayed by the following code?

```
System.out.print("A,B;C".replaceAll(",","") + " ");
System.out.println("A,B;C".replaceAll("[,;",""]));
```

Select one:

- ☐ a. A B C A B C
- ☒ b. A#B#C A#B#C ✗
- ☐ c. A B C A#B#C
- ☐ d. A,B;C A#B#C

Finish review