

FIT1051 Programming fundamentals in java S2 2019

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Started on Sunday, 22 September 2019, 10:51 AM

State Finished

Completed on Sunday, 22 September 2019, 10:56 AM

Time taken 5 mins 5 secs

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Question 1

Complete

Marked out of
1.00

In a class, which of the following should be private?

Select one:

- ☐ a. Constructors
- ☐ b. toString method
- ☐ c. accessors methods
- ☒ d. mutators methods
- ☐ e. If you think none of the above should be private, select this option

Question 2

Complete

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1.00

Which of the following is false with respect to the toString method?

Select one:

- ☐ a. It can have 0 or more parameters
- ☒ b. It can be invoked on the objects of any class without causing a syntax error
- ☐ c. It should return a String
- ☐ d. Its task is to provide a formatted dump of the state of an object (or at least some significant part of that state)
- ☐ e. If you believe none of the above are false, select this option

Question 3

Complete

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1.00

Which of the following do thing/concept classes and driver classes have in common?

Select one:

- ☐ a. They contain a main method
- ☒ b. They usually contain static methods
- ☐ c. They contain instance variables
- ☐ d. Java can begin execution with code in them
- ☐ e. They can contain instantiations but usually not of themselves
- ☐ f. If you believe thing/concept classes and driver classes have none of the above in common, select this option

Question **4**

Complete

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1.00

Which of the following is not part of a method's signature?

Select one:

- ☐ a. The method's name
- ☒ b. The names of the method's parameters
- ☐ c. The data types of the method's parameters
- ☐ d. The order of the data types of the method's parameters
- ☐ e. If you think all of the above are part of a method's signature, select this option

Question **5**

Complete

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1.00

Which of the following is not a requirement of method overloading?

Select one:

- ☒ a. Methods must have the same name
- ☐ b. Methods must have different signatures
- ☐ c. Methods must be in the same class
- ☐ d. Methods must have the same return type
- ☐ e. If you think all of the above are required, select this option

Question **6**

Complete

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1.00

Which of the following cannot be successfully overloaded?

Select one:

- ☐ a. Constructors
- ☐ b. Public methods
- ☐ c. Private methods
- ☐ d. An overriding toString method
- ☒ e. If you think all of the above can be overloaded, select this option

Question **7**

Complete

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1.00

Which of the following is false with respect to constructors?

Select one:

- ☐ a. They cannot be invoked on an object
- ☒ b. They do not have a return type
- ☐ c. They can only be "called" in conjunction with the "new" keyword
- ☐ d. They have the same name as their class but starting with a lower case letter
- ☐ e. Java supplies one if you don't code one in a class you code

Question **8**

Complete

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1.00

Which of the following is false with respect to static methods?

Select one:

- ☐ a. They can be syntactically invoked on their class's name
- ☒ b. They can be syntactically invoked on any object instantiated from their class
- ☐ c. They can be called from a static method of their class
- ☐ d. They cannot be called from a non-static method of their class
- ☐ e. Their invocation never selects an object

Question **9**

Complete

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1.00

Which of the following is false with respect to non-static variables?

Select one:

- ☒ a. They must be class level
- ☐ b. They can be public or private
- ☐ c. They can be accessed by code in static methods of their class
- ☐ d. They can be accessed by code in non-static methods of their class
- ☐ e. If you think none of the above are false with respect to non-static variables, select this option

Question **10**

Complete

Marked out of
1.00

Which of the following is false with respect to static variables?

Select one:

- ☐ a. They must be class level
- ☐ b. They can be public or private
- ☐ c. They can be accessed by code in static methods of their class
- ☐ d. They can be accessed by code in non-static methods of their class
- ☒ e. If you think none of the above are false with respect to static variables, select this option

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