



Encapsulation quiz

6 out of 6 correct

1. What is Encapsulation in Java?

- ☒ The process of hiding data and methods within a class
- ☐ The process of exposing data and methods within a class
- ☐ The process of accessing data and methods from a different class
- ☐ The process of storing data and methods in a database

2. What is the main advantage of Encapsulation in Java?

- ☒ Increases the security of data and methods
- ☐ Increases the speed of accessing data and methods
- ☐ Increases the storage capacity of data and methods
- ☐ Increases the processing capacity of data and methods

3. What is the purpose of Getters and Setters in Java Encapsulation?

- ☐ To expose the data and methods to other classes
- ☒ To access and manipulate the data within a class
- ☐ To store the data and methods in a database
- ☐ To process the data and methods in a class

4. What is the access level of a private variable in Java Encapsulation?

- ☐ Public
- ☐ Protected
- ☒ Private
- ☐ Package-private

5. Can we access a private variable directly from another class in Java Encapsulation?

- ☐ Yes
- ☒ No

6. What is the use of the final keyword in Java Encapsulation?

- ☐ To prevent inheritance
- ☐ To prevent method overriding
- ☒ To prevent data manipulation

☐ To prevent data and method access

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