

University Of Kelaniye

Mid-term test

[1.What are the four pillars of Java?]

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Encapsulation: Bundling data and methods together to control access.

Inheritance: Creating new classes (subclasses) based on existing ones (superclasses) to reuse code.

Polymorphism: Allowing objects of different classes to respond to the same method call in different ways.

Abstraction: Focusing on essential details and hiding implementation specifics.

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[2. Shortly describe routing in networking.]

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routing is the process of selecting the best path for data packets to travel from their source to their destination across interconnected networks. It's like a traffic controller for data, directing packets efficiently to their final point.

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