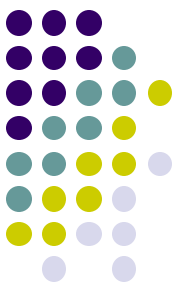# Static vs instance methods
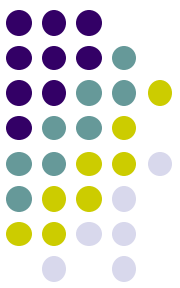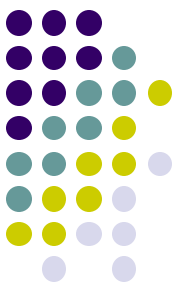
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Static Methods

- **Static methods** are declared using a **static** modifier

- **Static methods can't** access instance methods and instance variables directly

- They're usually used for operations that don't require any data from an instance of the class (from **this**)

- Remember: this is the **current instance** of the class or the **caller object** of the method
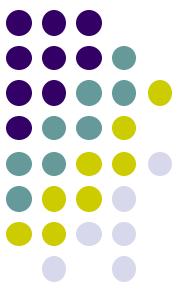
Static Methods

- In **static methods** we can't use **this** keyword

- **main** is an example of static method and it is called by the JVM when it starts the application
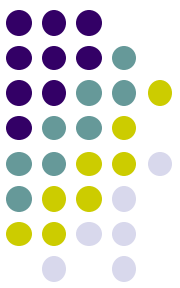
Instance Methods

- Instance **methods** belong to an instance of a class

- To use a an instance **method** we need an object first (usually by using the new keyword)

- **Instance methods** can access instance methods and instance variables directly

- **Instance methods** can also access static methods and static variables directly
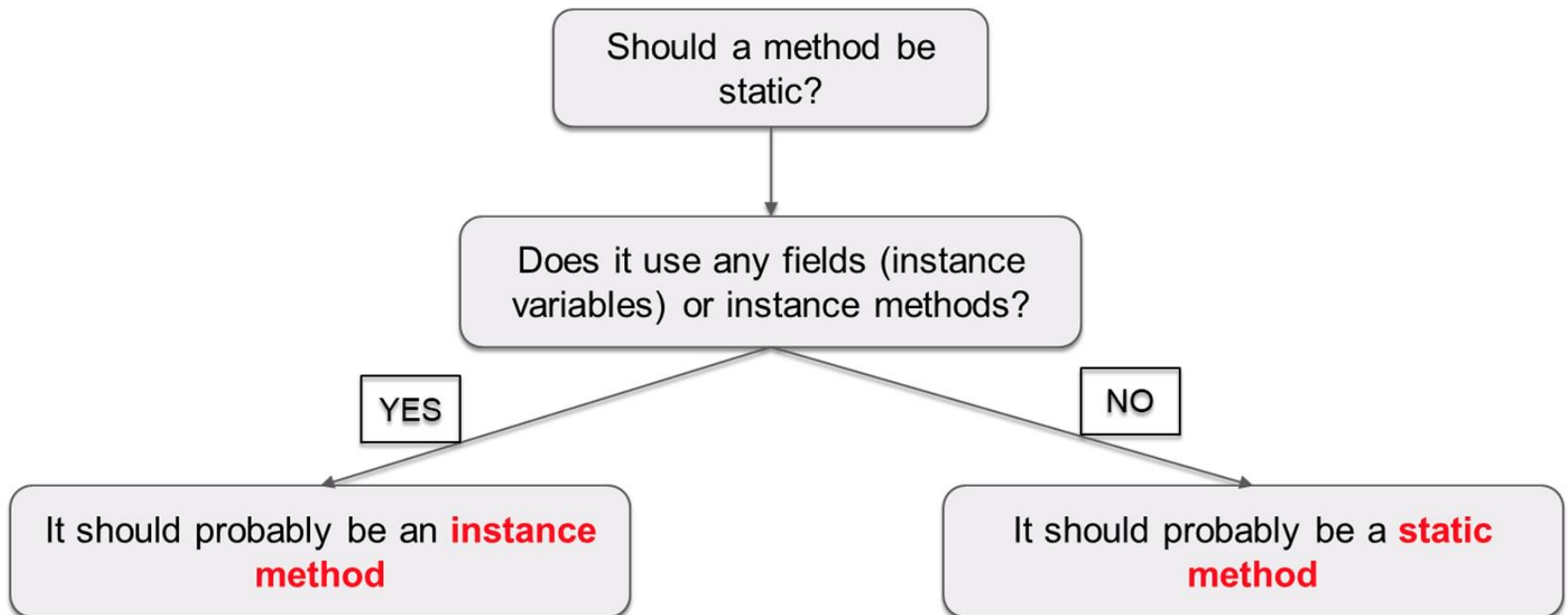
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Static or Instance Method?

Questions