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what it mean"Since a static method is bound to a class, not an individual instance of the class"

The statement "Since a static method is bound to a class, not an individual instance of the class" refers to the behavior of static methods in object-oriented programming.

In object-oriented programming, a class is a blueprint for creating objects (instances), and it contains both data (in the form of variables) and behavior (in the form of methods). Normally, when you create an instance of a class, each instance has its own set of instance variables that can have different values.

However, a static method is different from an instance method because it is associated with the class itself, rather than with any specific instance of the class. This means that a static method can be called without creating an instance of the class.

When a static method is called, it operates on the class level and not on any individual instance of the class. It can only access other static members (variables or methods) of the class and cannot access instance variables or instance methods, as they are associated with specific instances.

In summary, the statement means that a static method belongs to the class as a whole and doesn't have access to the specific data or behavior of individual instances of the class. It operates at the class level and can be called without creating an instance of the class.

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