

Objectives

- Terminology review
- Get your terminology table ready
- Get out your handouts
- Reload the Python Review Lab in your browser
 - Get in this habit because I tend to make updates as students ask questions/I see typos!



Sept 12, 2022

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Review

- What are qualities of good software?
 - Get your terminology table ready
 - Get out your handouts
 - Reload the Python Review Lab in your browser
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Review Terms

Definition, Example, Indicator/Cues

Variable	Object
[code] block	Encapsulation
Comment	Parameter (formal and actual)
Doc String	Argument
Function, both calling and defining	Interface
Data Type	Abstract Class
Class	Inheritance
self	Condition
Constructor, both defining and calling	Loop
Method, both defining and calling	Exception
Attribute/Field	Exception handling
State	Error handling
Instance variable	Import
Class variable	
Local variable	

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Respond at polllev.com/sprenkle

Text **SPRENKLE** to **22333** once to join, then **A, B, C, or D**

Fill in the blank: I found ~80% of the terms to be _____ to define/identify

Easy!	A
Hard!	B
Somewhere in the middle	C
Easy after I heard the definition	D

Total Results: 0

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 **Poll locked.** Responses not accepted.

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Design Questions

Confirm my statements first

- `turn` is an *instance* variable of the `Game` class.
 - Is it better design for `turn` to be a local, instance, or class variable? Justify your answer.
- `user_input` is a *local* variable in the `getInput` method of the `ConnectFour` class.
 - Is it better design for `user_input` to be a local, instance, or class variable? Justify your answer.
- `RANKS` is a *class* variable of the `Card` class.
 - Is it better design for `RANKS` to be a local, instance, or class variable? Justify your answer.
- `tokens` is an *instance* variable of the `ConnectFour` class.
 - Is it better design for `tokens` to be a local, instance, or class variable? Justify your answer.
- `Player` is a class in `war.py`.
 - Is it better design for the `Player` class to be defined in `war.py` or in `game.py`? Justify your answer.
- `War`'s `step` method takes as a parameter `dummyInput`. What purpose does it serve?

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Looking Ahead: Before Wednesday's Class

- Complete Part 2 of the Terminology Review
 - Do not spend more than ~1 hour
- Complete the "Towards a Power User" lab
 - Do not spend more than ~1 hour

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