



HOW TO COME UP WITH NEW CLASSES

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DON'T CREATE CLASSES FOR VERBS

Always create classes for nouns. That is the name/concepts should represent an entity and not the verb

DON'T CREATE MEGA CLASSES


Don't create huge classes. Don't create 100 methods in one class. Limit the number of variables and methods in your class

CREATE CLASS FOR EVERY SMALL CONCEPT

In the start create as many classes as you can. Later you can merge them

CREATE A SEPARATE CLASS FOR UN-RELATED FUNCTIONS

If you don't know where to put particular functions then put them in a separate class



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REFACTOR SOON AND OFTEN

Don't be afraid of refactoring. Refactor or redesign your code often. But don't forget to test your changes!

REFER TO YOUR OLD PROJECTS/OTHER SIMILAR PROJECTS

Use your old projects for getting ideas about classes or use someone else projects. You can find interesting projects on Github

COMBINE RELATED VARIABLE IN A CLASS

Create a separate class for those variables that are dependent on each

CREATE CLASS FOR UTILITY FUNCTIONS

Utility functions are those functions that are common in a problem domain such as writing data bytes to a file or calculating a math function such as Average. Create a separate class for them