Karan Khullar

Professor Byron Hoy

Programming and Problem Solving II

January 24th

Pros/Cons of Command Design Patterns

Pros:

* Any future commands you would add are decoupled from the rest of the commands and the invoker, leading to less bugs and easier integration of more features.
* Each new command class will have solely one responsibility.
* Very easy to implement undo or redo actions.
* Easy to make “macro commands”. Macro commands call multiple commands when invoked.

Cons:

* Initial design of the code can be more complicated, as you not only need to structure the invoker, but also make a new class for each command. This is because each concrete command needs a new class.
  + This con isn’t much of a con after the initial structure of the code is made. This is because the difficulty is offset by how easy new commands are to implement.