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Terminal App

Problem = Planning my day

Requires brain power

Takes time

Solution = My App

Plans my day for me

No brain power required

Saves time

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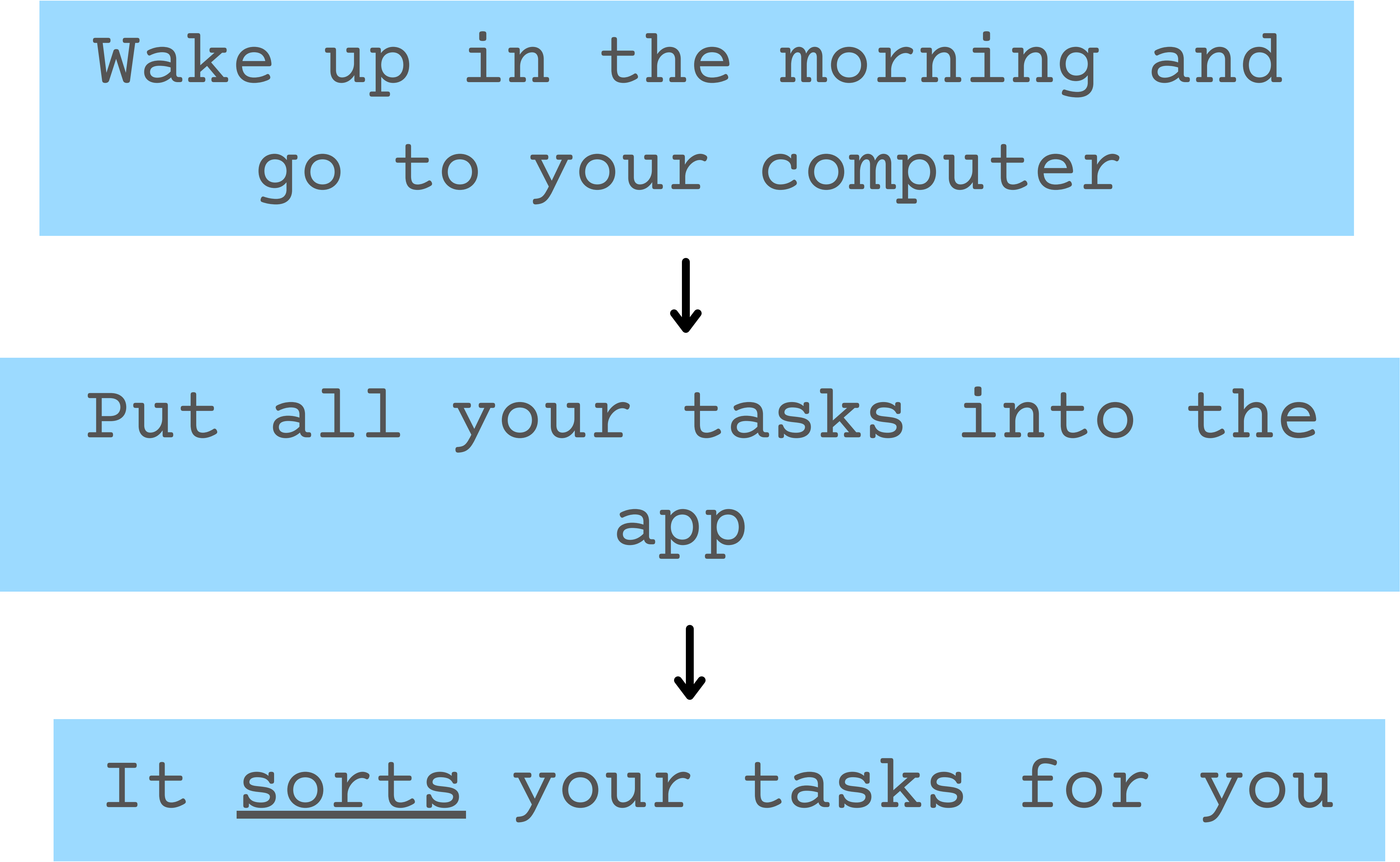
How does it work?



Wake up in the morning and go to your computer

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Put all your tasks into the app

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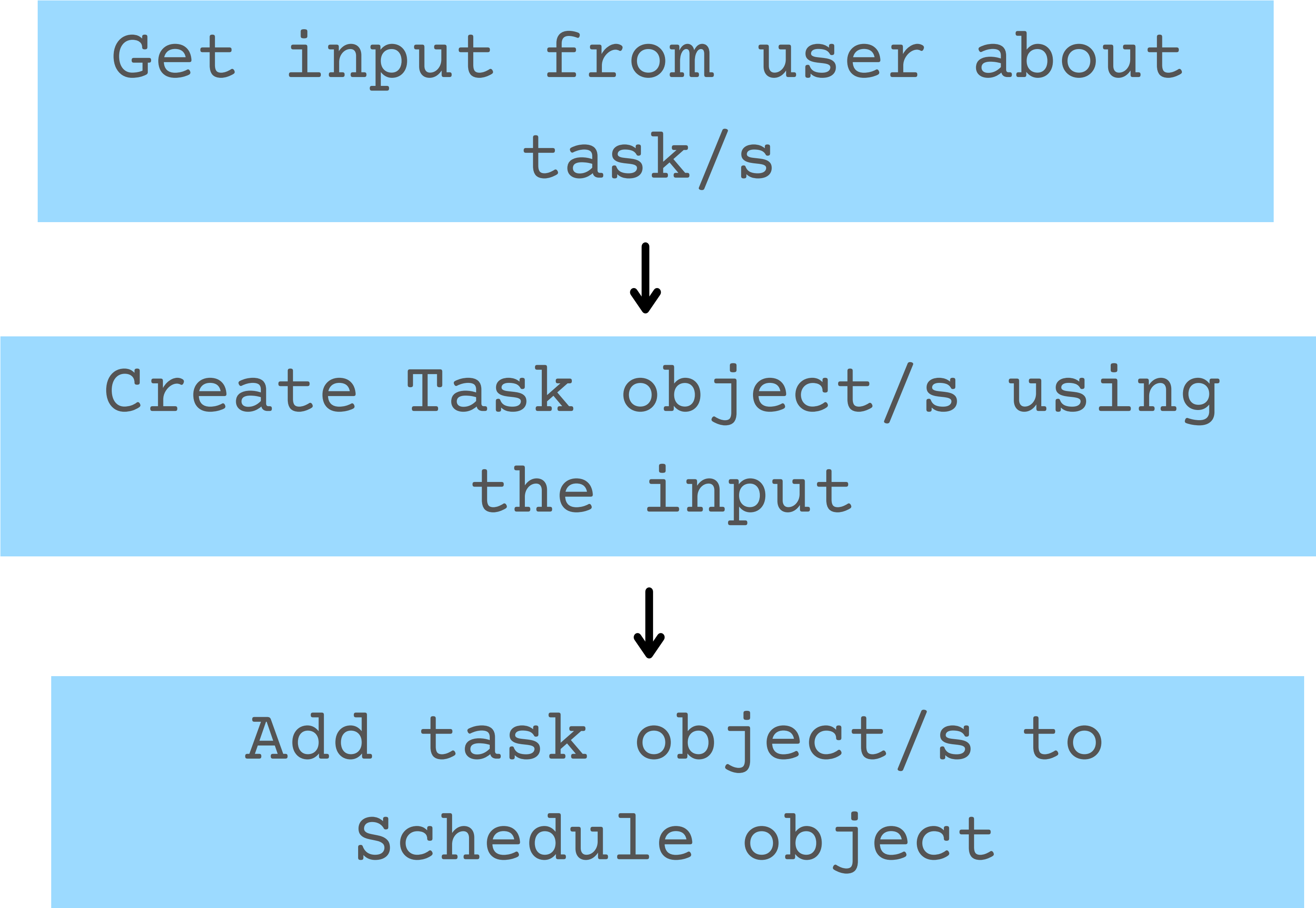
It sorts your tasks for you

Feature 1: Add a task

(Demo)

Feature 1: Under the hood



Get input from user about task/s

Create Task object/s using the input

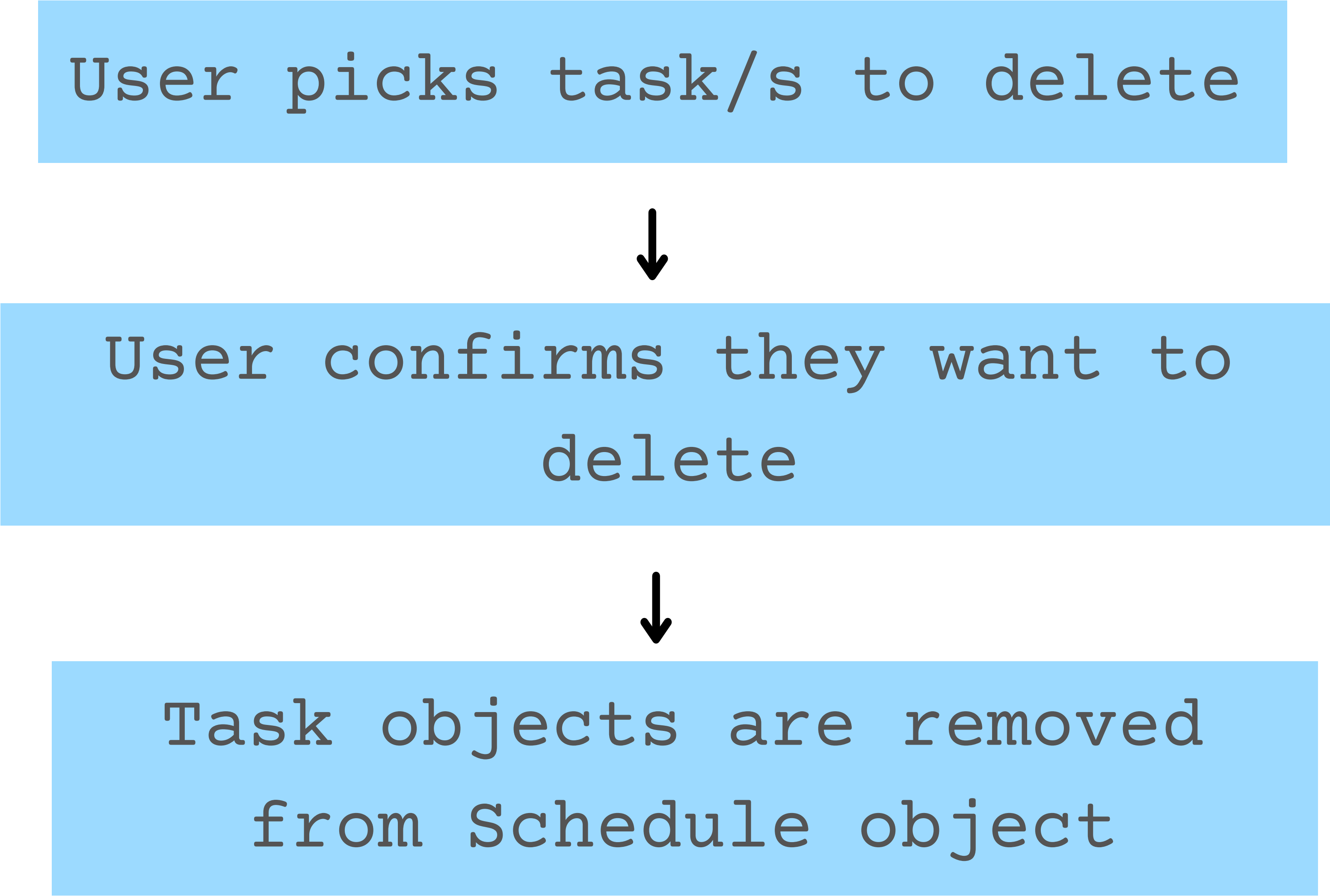
Add task object/s to Schedule object

Techniques used: OOP, loops, error-handling, variables & scope, if-else.

Feature 2: Delete a task

(Demo)

Feature 2: Under the hood



User picks task/s to delete

↓

User confirms they want to delete

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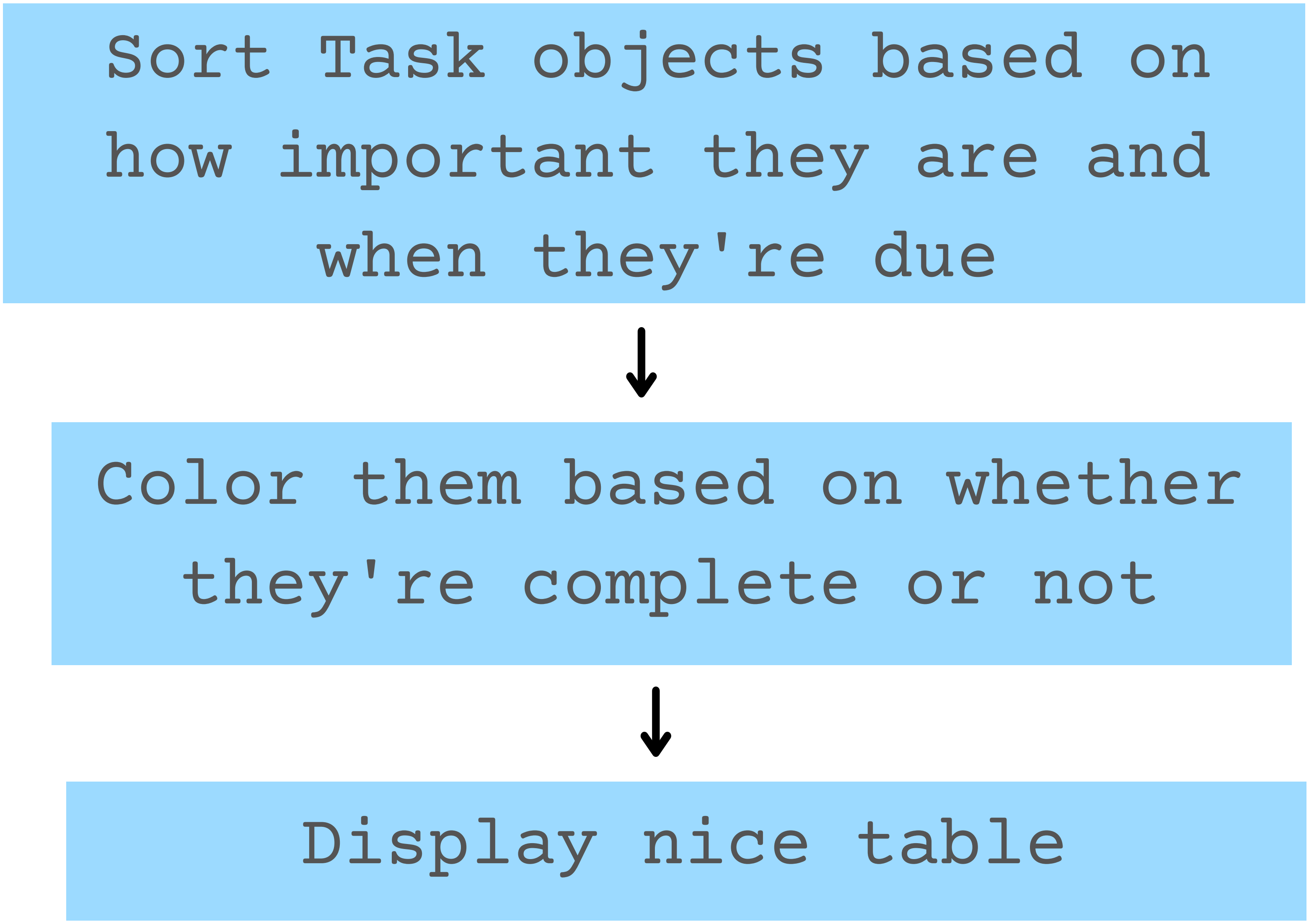
Task objects are removed from Schedule object

Techniques used: OOP, input validation, error-handling, variables & scope

Feature 3: See schedule

(Demo)

Feature 3: Under the hood



Sort Task objects based on how important they are and when they're due

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Color them based on whether they're complete or not

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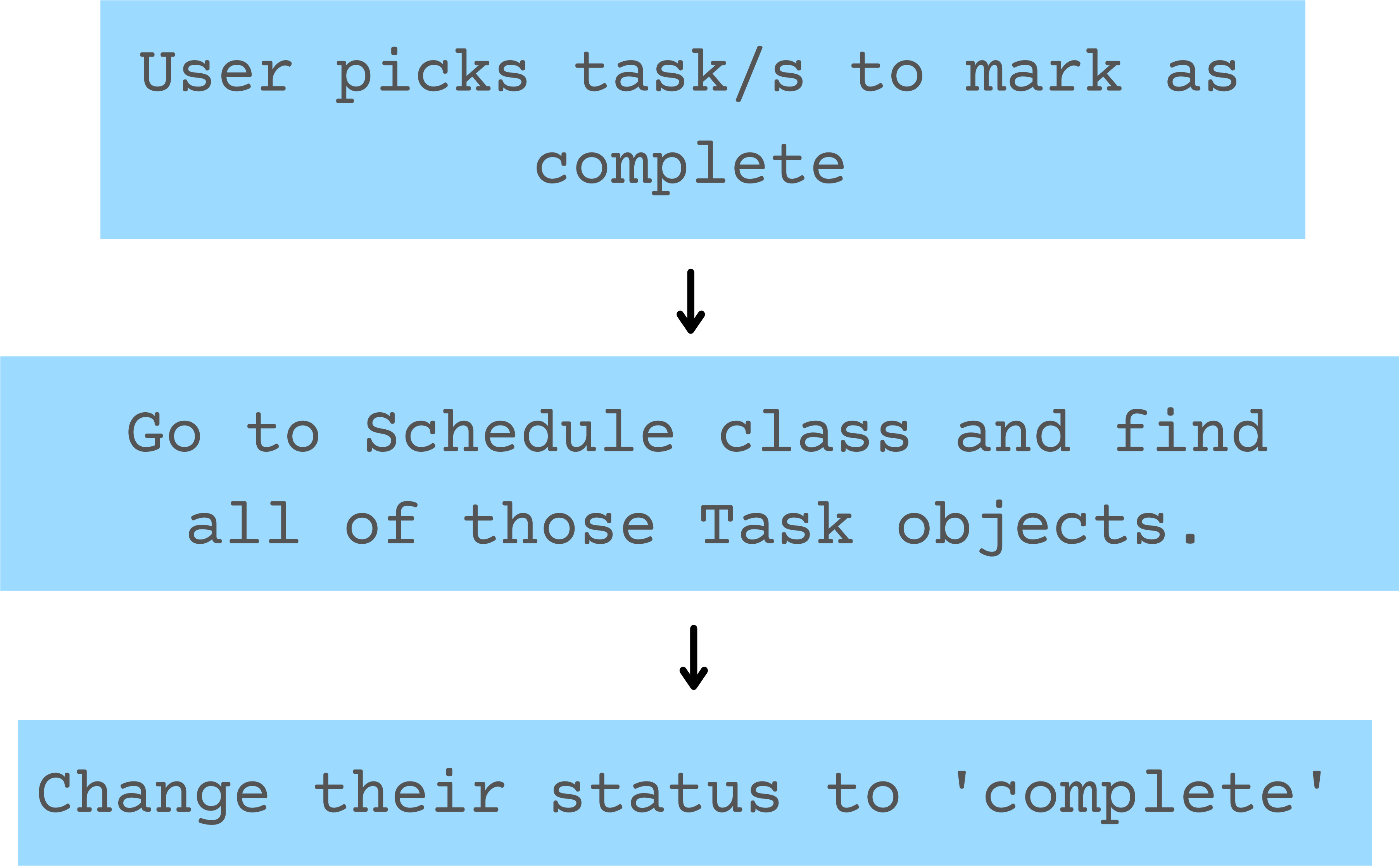
Display nice table

Techniques used: Blocks, iterators, Ruby gems, modules, variables & scope

Feature 4: Mark as complete

(Demo)

Feature 4: Under the hood



User picks task/s to mark as complete

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Go to Schedule class and find all of those Task objects.

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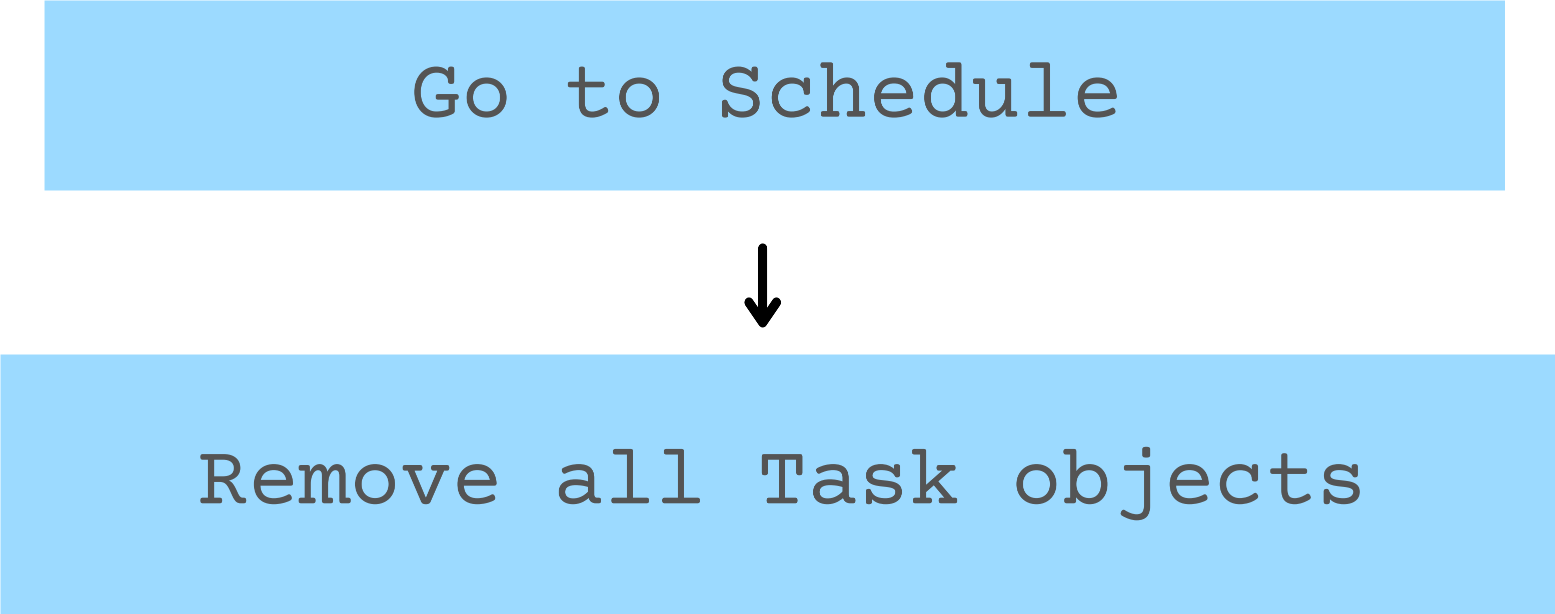
Change their status to 'complete'

Techniques used: OOP, iterators, if-else, variables & scope

Feature 5: Clear schedule

(Demo)

Feature 5: Under the hood



Go to Schedule

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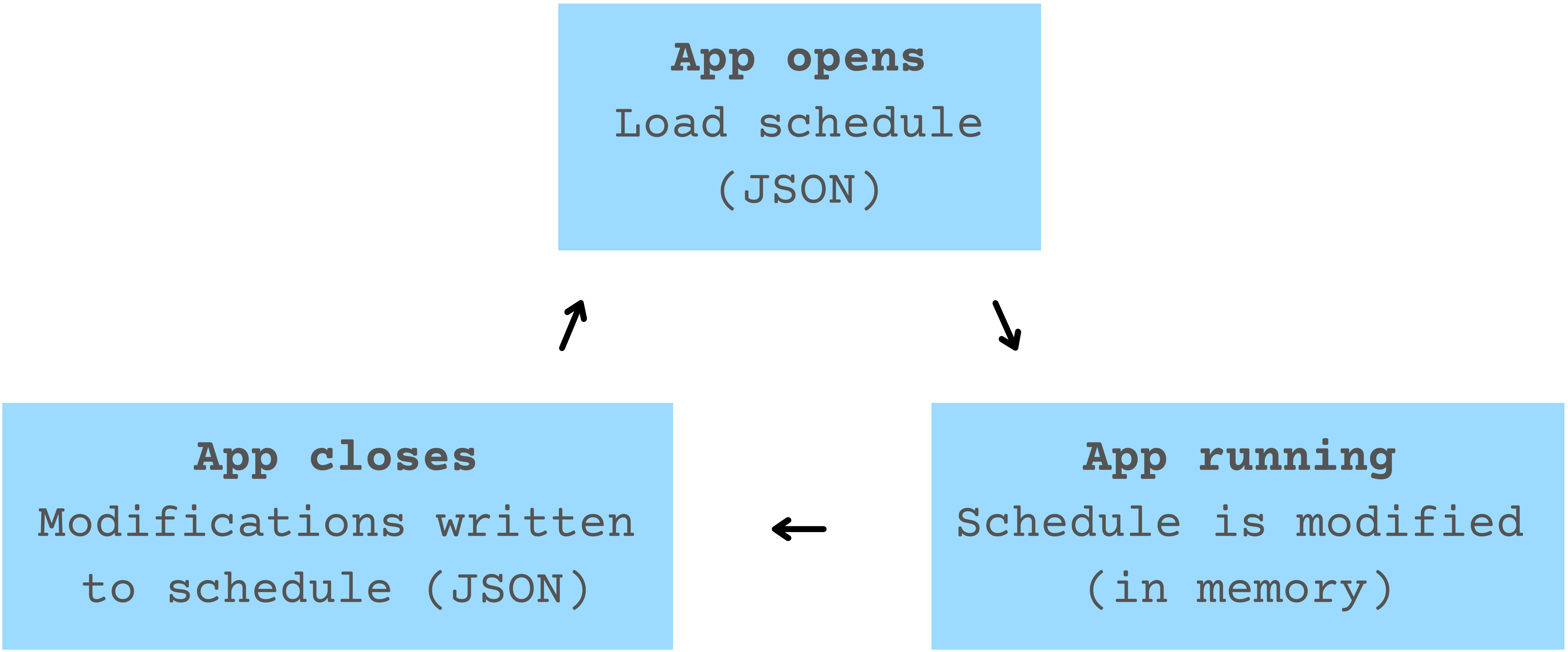
Remove all Task objects

Techniques used: OOP, input validation, variables & scope

Note: Persistent storage



App opens
Load schedule
(JSON)

App running
Schedule is modified
(in memory)

App closes
Modifications written
to schedule (JSON)

Techniques used: File-handling, OOP, error-handling, variables & scope

Build process

Iterative planning

TDD

Kanban board

Challenges

Complexity = bugs

DRY code = time

THE END.

Questions?