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Task 03

1. In the previous assignment, modify your 5 class diagrams, complete them with modifier notation and provide an explanation of the reasons for access.

Laptop
- brand: String - ramCapacity: String - storageCapacity: String - screenSize: String - color: String
+ turnOn(): void + turnOff(): void + sleep(): void

- brand, ramCapacity, storageCapacity, screenSize, color (Private: -):

Reason:

These attributes are set private so that they cannot be accessed directly from outside the class. This is to keep the laptop data safe and can only be changed or retrieved through special methods such as getters and setters if needed.

- turnOn(), turnOff(), sleep() (Public: +):

Reason:

These methods are set public because the user needs to operate the laptop through these functions, such as turning it on, turning it off, and setting the laptop to sleep mode.