

## CSE3003 OBJECT ORIENTED PROGRAMMING (Fall 2022- 2023)

### Lab 06 Assignment: Classes and Data Abstraction

Implement the classes whose diagrams are given below. Write a program that can add/remove new laptops and display the whole list using these classes. The menu you should use in the program:

1. Add Laptop

The user should be asked for laptop information. A new laptop should be added to the list with the entered information.

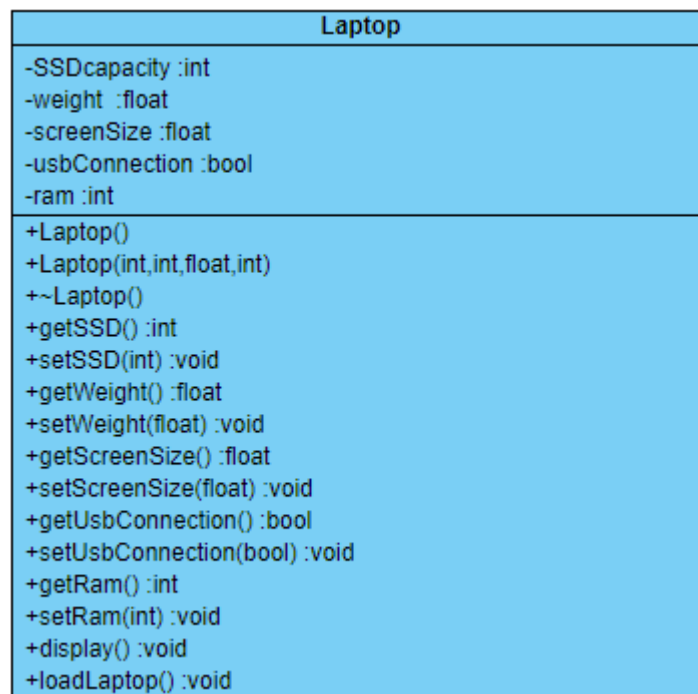
2. Remove Laptop

Laptops should be shown to the user. According to the list, the user must enter the laptop number. The relevant laptop should be removed from the list.

3. Show Laptops

All information on all laptops in the list must be displayed.

4. Exit



**Important Note:** Do not share your solution with others! Do not collaborate with each other! You have to do your assignment by yourself. Otherwise, your submission will not be evaluated and both you and the person that you get the file from will get zero points from the assignment.

List
-laptops : Laptop[] -size :int
+isEmpty() :bool +addNewLaptop(Laptop) :void +removeLaptop(int) :void +displayLaptops() :void +List() +~List()

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