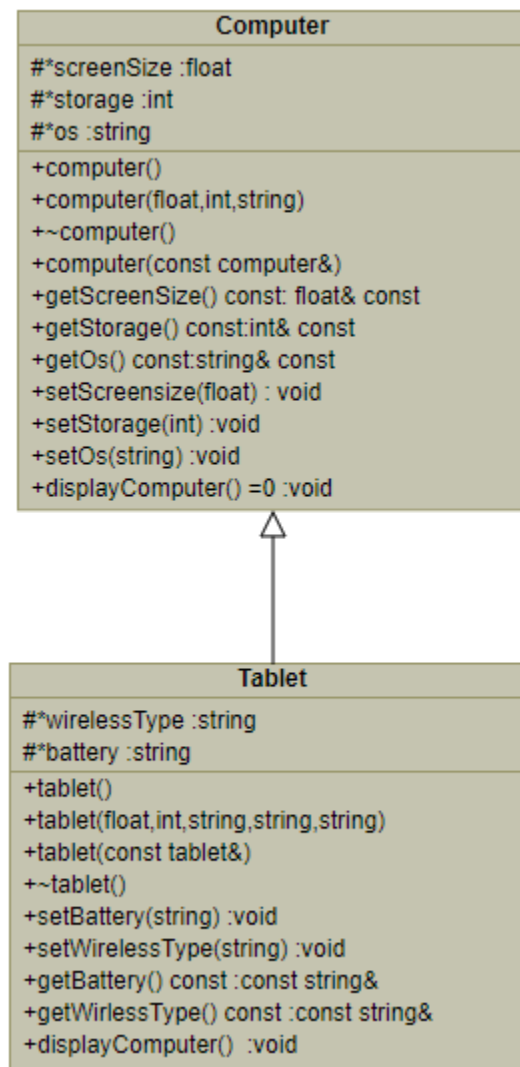


# CSE3003 OBJECT ORIENTED PROGRAMMING

(Fall 2022- 2023)

## Lab 10 Assignment: Pointers Cont. - Inheritance and Pointers

You are expected to implement **Computer** and **Tablet** classes according to the given diagrams and explanations. Necessary changes can be made according to needs. Test your program with the given main function and compare your output with the sample output.



**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.

### Submission:

- You need to upload your Assignment solutions to the "Assignments" section on the CATS course page. Assignments sent via e-mail will **not be accepted**.
- Upload screenshots of your output.
- Upload all project folder.

```
int main() {  
  
    cout << "*****Tablet 1 *****" << endl;  
    tablet samsung(10,64,"Android 11","Bluetooth","1 Lithium Polymer");  
    samsung.displayComputer();  
  
    cout << "*****Pointer Tablet *****" << endl;  
    computer *ptrtablet=new tablet(8, 32, "Android 9 Pie", "Wi-Fi", "1 CR123A");  
    ptrtablet->displayComputer();  
  
    delete ptrtablet;  
  
    cout << "*****Tablet 2 Copy Constructor *****" << endl;  
    tablet samsung2 = samsung;  
    samsung2.displayComputer();  
    return 0;  
}
```

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```
*****Tablet 1 *****
Cons with parameter -Computer
Cons with parameters -Tablet

Screen Size: 10
Storage: 64
os: Android 11
Battery: 1 Lithium Polymer
WirelessType: Bluetooth

*****Pointer Tablet *****
Cons with parameter -Computer
Cons with parameters -Tablet

Screen Size: 8
Storage: 32
os: Android 9 Pie
Battery: 1 CR123A
WirelessType: Wi-Fi

Dest -Tablet
Dest -Computer
*****Tablet 2 Copy Constructor *****
Copy Cons -Computer
Copy Cons -Tablet

Screen Size: 10
Storage: 64
os: Android 11
Battery: 1 Lithium Polymer
WirelessType: Bluetooth

Dest -Tablet
Dest -Computer
Dest -Tablet
Dest -Computer
```

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