

## Lesson 2024.11.15 Fri – ClassWork

### Teacher Student Class

**Due by :** 2024.11.15 Friday at 23.59

Implement a Java program that implements a **Teacher Student** class that satisfies the following steps :

**1. Implement a **Teacher** class with the following characteristics: [Points 40]**

- a. Attributes : name, surname, address of type String  
std of type Student (**optional**)
- b. Methods : constructor to initialize name, surname, address  
Getters and Setters for name, surname, address  
CreateStudent to create a new object of type Student and assign it to std attribute (**optional**)  
PrintInfoTeacher to print out name and surname for teacher  
PrintInfoStudent to print out name and surname for student

**2. Implement a **Student** class with the following characteristics: [Points 30]**

- a. Attributes: name, surname of type String  
teach of type Teacher (**optional**)
- b. Methods: constructor to initialize name, surname, teach  
getName to return the name value  
getSurname to return the surname value

**3. Implement a **TestingTeacher** class that : [Points 20]**

- a. Create a new teacher object
- b. Using the teacher object creates a new student object
- c. Prints out the teacher's information

d. Prints out the student's information

**4.** Show a screenshot of the output of your program

**[Points 10]**

**NOTE :** Submit your Java code on Teams