

## Quiz 02

November 28, 2023

Define a class called Doctor, which is a derived class of the class SalariedEmployee. SalariedEmployee inherits the attributes firstName, lastName, and EmployeeID from an Employee class, and has additional attribute for the salary of the employee. The class implements an earnings method that returns the salary of the employee. You are to supply the following additional instance variables and methods:

- An instance variable of type String that contains the Doctor's specialty (such as "Pediatrician", "Obstetrician", "General Practitioner", and so forth).
- An instance variable of type String that contains the Doctor's title (such as "Professor", "Assistant Professor", or "Trainee Officer").
- An instance variable of type double that contains the amount of the Doctor's visit fee, in addition to the salary.
- Suitable constructors, and suitable accessor and mutator methods.
- Override the definitions for the methods earnings and toString so they are appropriate to the class Doctor.
- Also, write a suitable test program to test all your methods.