Inheritance Exercise

1. Write comp.Employee class with the following attributes:
    i. String name
    ii. Double salary

Provide constructor that takes all the arguments and getters/setters methods

Override toString () to return full personal details

Override equals () to return true for two employees with the same name and salary

2. Write 3 Employee subclasses:
    i. Secretary – with additional attribute: String office
    ii. Engineer – with additional attribute: String specialty
    iii. Manager - with additional attribute: String department

For each subclass:
    i. Override toString () & equals()
    ii. Provide constructor that takes full values
    iii. Add getters/setters

3. Write 1 Manager subclass:
    i. Director – with additional attribute: String group

For this subclass:
    i. Override toString () & equals()
    ii. Provide constructor that takes full values
    iii. Add getters/setters

4. Create Test class with main method. Main should do the following:
    i. Create an array of Employees with size of 10
    ii. Fill the array with 2 secretaries, 2 managers, 3 employees, 1 director and 2 engineers
    iii. Print all employees' details
    iv. Print average salary
    v. Print management average salary