Home Task:

Implement the following classes:

The relationship is as follows:
Employee extends Person
PartTimeEmployee extends Employee
FullTimeEmployee extends Employee

Employee Person department: String name: String designation: String age: int address: String /* constructor, accessor, mutator */ /* constructor, accessor, mutator */ **FullTimeEmployee** PartTimeEmployee basic: double - hours: double allowance: double rate: double /* constructor */ /* constructor */ /* accessor-mutator */ /* accessor-mutator */ /* toString */ /* toString */ + salary(): double + salary(): double

Create an object for PartTimeEmployee and FullTimeEmployee and print their salary.

For FullTimeEmployee, basic is the base salary, i.e. \15000.

Allowance is usually provided as percentage, i.e. 25%

So the total salary of a full time employee = 15000 + 25% of 15000 = 18750