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| Student.cs |
| **Line** | **Code** |
| 123456789101112131415 | using System;namespace University { class Student extends Person { public float CGPA; public Student(string name, float cgpa):base(name) { CGPA = cgpa; /\* \* Another 100+ lines of common initialization logic \*/  }public Student(){ super("",0.0F); } }} |
| Person.java |
| **Line** | **Code** |
| 123456789 | package University;class Person { public String Name; public Person(String name){ super(); Name = name; }} |

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| Staff.java |
| **Line** | **Code** |
| 1234567891011 | package University;abstract class Staff extends Person { public double Salary; protected final double EPF\_CONTRIBUTON = 0.11; public Staff(String name, double salary){ super(name); Salary = salary; } abstract public double getMonthlySalary();} |

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| Lecturer.java |
| **Line** | **Code** |
| 123456789101112131415 | package University;class Lecturer extends Staff { public float Allowance; public Lecturer(String name, double salary,  float allowance){super(name,salary); Allowance = allowance; }  @Override public double getMonthlySalary() { return (1.0 - EPF\_CONTRIBUTON) \* Salary + Allowance; }} |

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| Clerk.java |
| **Line** | **Code** |
| 12345678910111213141516 | pacakge University;class Clerk extends Staff { public float OTRate; public short OTHours; public Clerk(String name, double salary, float otRate){ super(name,salary); OTRate = otRate; OTHours = 0; }  @Override public double getMonthlySalary() { return (1.0-EPF\_CONTRIBUTON) \* Salary + (OTHours\*OTRate); }} |

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| Manager.java |
| **Line** | **Code** |
| 1234567891011121314151617 | using University;class Manager extends Staff { public float CarAllowance; public Manager(String name, double salary,  float carAllowance){ super(name, salary); CarAllowance = carAllowance; }  @Override public override double getMonthlySalary(){//Operation (WHAT) //Method (HOW) return (1.0-EPF\_CONTRIBUTON)\*Salary + CarAllowance;  } }} |

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| HRManager.java |
| **Line** | **Code** |
| 1234567 | package University;class HRManager extends Manager { public HRManager(String name, double salary){ super(name, salary, 500.0F) { }} |

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| SalesManager.java |
| **Line** | **Code** |
| 12345678910111213141516171819 | package University { class SalesManager extends Manager { public float PetrolAllowance; public double MonthlySales; public SalesManager(String name, double salary, float carAllowance, float petrolAllowance){super(name,salary,carAllowance); PetrolAllowance = petrolAllowance; MonthlySales = 0.0; }  @Override public double getMonthlySalary(){//Operation (WHAT) //Method (HOW) return (1.0 - EPF\_CONTRIBUTON) \* (0.6\*Salary) + (0.1\*MonthlySales) + CarAllowance + PetrolAllowance;  }} |