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Class Timing: ST 1:00 PM – 2:30 PM (LIB-611)

Topic: Inheritance

Objective

1. To define a subclass from a superclass through inheritance
2. To invoke the superclass's constructors and methods using the super keyword
3. To override the instance methods in the subclass

Implement the following UML class diagrams

Create two objects of PartTimeEmployee and FullTimeEmployee. Then call the toString() and salary() methods to show the details and their salary respectively.

```
For PartTimeEmployee: hours is the total hours employee worked, i.e. 20
    rate is the per hour rate, i.e. 80
    So, salary = 20*80 = 1600
    For FullTimeEmployee: basic is the base salary, i.e. 15000
    Allowance is usually provided as percentage, i.e. 25%
    So, total salary = 15000 + 25% of 15000 = 18750
```