

## Polymorphism - Method Overriding

- 1) Create an abstract class for employees and add required properties for name, role and monthly salary. Add logic to access these properties within this class only. Add a method for calculating annual income without any functionality that will have to return a number value. Add a method to calculate the allowance amount and return 5% of monthly salary.
- 2) Create a class for developers and use details from the class of employees. If method implementations are not available, then define them inside this class.
- 3) Create a class for the manager and use details from the class of employees. In that, add properties for yearly bonus percentage. If method implementations are not available, then define them inside this class. For manager allowance amount calculation, will return 10% of monthly salary.

Note:

1. For developers, calculate and return annual income based on their monthly salary or stipend..
2. For the manager, the result of the salary calculation method will be sum of actual annual income(monthly salary\*12) and yearly bonus.

Create a developer, manager, and intern object with the defined classes, by passing required values and calculate their allowance amount and salaries..

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## Polymorphism - Method Overloading

Create a class and add methods with the same name to handle the scenarios below.

If it receives,

1. Two number arguments, multiply those numbers, and return the result.
2. Two string arguments, combine those strings, and return the result.
3. An array of numbers, add all the numbers and return the result.