

# Dev Nation

## Data Science Lab-05

**Q1.** Create a class **Salary** with the following getters and setters

1. Constructor
  - a. Create an Object with following parameters
    - i. Monthly income
    - ii. Currency
    - iii. Type (Cash or cheque)
2. Setters
  - a. Monthly income (Float)
  - b. Currency (string)
  - c. Type (string)
3. Getters
  - a. Monthly income (Float)
  - b. Currency (string)
  - c. Type (string)
  - d. Annual Income
4. Create a new class called **Employee** which **has-a** **Salary**
  - a. Write a constructor that takes
    - i. Monthly\_income
    - ii. Currency
    - iii. Type
    - iv. Bonus
    - v. Annual Salary with empty value
    - vi. Also creates a Salary object and initialize with Monthly\_income
  - b. Write setter functions
    - i. Total Annual Salary including bonus
  - c. Write getter functions
    - i. Get Total Annual Salary
      1. Should return the statement in this form
        - a. Annual Salary is 50000 Euros including 2500 Annual Bonus
        - b. Here 50000 **is the total Annual Salary Including Bonus**
        - c. **2500** is the bonus amount
        - d. **Euros** are currency
        - e. This statement should be created automatically with the values assigned in the object