

Author : GV Do Phu Quy

Email : phuquycntt@gmail.com

PhoneNumber : 0935 366 007

1. Create abstract class **Person** :

- **Fields:**

- o id : ID of person.
- o name : Name of person.
- o dateOfBirth: Date of birth.
- o address : Address of person.

Methods :

Construct (), Construct (id,name,dateOfBirth,address);

->Get ... and Set ... for each field.

->Public abstract getSalary(); // return salary for each Person.

->Public abstract show (); // show information for each Person.

2. Class **Employee** extends **Person**

- **Fields:**

- o salaryFactor : ex : 2.8, 2, 3.5. 4.

3. Class **Teacher** extends **Person**

- **Fields:**

- o Hour : hour of teaching.

4. Class **MangagerFunction** for manage all employee in Company

- **Fields:**

-> listEmployee : ArrayList of **Person**

- **Methods:**

-> Construct();

- > Input(): Input atleast 5 teachers and employees
- > Show() : Show list of all employees and teachers.
- > Person getMaxSalary(): return the person has highest salary.
- > float getTotalSalary(): return the total salary must paid.

Static main():

[?] Print menu :

1. Input employee or teacher
2. Show payroll list.
3. show person has highest salary.
4. show total salary must paid.
5. Exit