

Question 1.

Create a class called Employee that includes three instance variables, a first name (type String), a last name (type String), and a salary (double).

- Provide a constructor that initializes the three instance variables.
- Provide a set and get method for each instance variable.
- If the monthly salary is not positive do not set its value.
- Write a test application named EmployeeTest that creates two Employee objects
- Employee1=> name: Ali, lastname: Veli, salary: 500
- Employee2=> name: Ayse, lastname: Can, salary: 100
- set Ayse Can's salary to -1, setter should give an error message
- increase Ali Veli's salary to 550 using setter method.
- display each employees information(name, lastname, salary)

Question 2.

Create a class called DigitApplication that implements the following two methods.

1. public int sumOfDigits(int n)-->find the sum of the digits of n and return the result.

ex: for n=345, output is 3+4+5 = 12

2. public void inputAndProcess()-> print "Enter a number:", user enters a number whose sum of the digits will be calculated and it displays the result.

Hint: % is the division operator that returns the remainder. Try using it to divide by 10.

$$354 \% 10 = 4$$

$$35 \% 10 = 5$$

$$3 \% 10 = 3$$