

Exercise 1

(a) Consider the following class:

```
class Employee
{
    private String
name;      private int
salary;

    public String getName()
{
    return name;
}
    public int getSalary()
{
    return salary;
}
}
```

Add a constructor to initialize `name` and `salary` with the values received as arguments to the constructor. As an example, the constructor may be called as:

```
Employee emp = new Employee("Chan Tai Man", 12000);
```

(b) Write a driver class **TestEmployee** to create two `Employee` object instances named `emp1` and `emp2`. Then perform the followings:

1. Set the name and salary of `emp1` to "*CHAN Tai Man*" and 12000.
2. Set the name and salary of `emp2` to "*TAM Ping Shing*" and 13500.
3. Print the details of `emp1` and `emp2`.

```
Employee 1: name = CHAN Tai Man salary = 12000
Employee 2: name = TAM Ping Shing salary = 13500
```

(c) Add a method `displayDetails()` to display the name and salary in `Employee` class, and modify `TestEmployee` to use `displayDetails()` to print the details of `emp1` and `emp2`.

(d) Add method `raiseSalary()` that accepts a percentage increase in salary (double) as argument and increases the salary by the corresponding percentage. Modify `TestEmployee` to raise Chan's salary by 5% and that of Tam by 10%. Print the details of `emp1` and `emp2` after the increase of salaries.

END.