

# Quiz 1

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## *Class employee*

```
1 package quiz;
2
3 public class Employee {
4     public String name;
5     public int[] salary; // Array to store 3 salary values
6     public int age;
7     public int livingAllowance;
8     public int transportationAllowance;
9
10    //constructor
11    public Employee (String name, int age, int[] salary, int livingAllowance, int transportationAllowance){
12        this.name = name;
13        this.age = age;
14        this.salary = salary;
15        this.livingAllowance = livingAllowance;
16        this.transportationAllowance = transportationAllowance;
17    }
18
19    //Calculate average salary
20    public double averageSalary() {
21        double sum = 0;
22        for (int s : salary) {
23            sum += s;
24        }
25        return sum / 3.0;
26    }
27    // Calculate total salary including allowance
28    public double totalSalary() {
29        return averageSalary() * 3 + livingAllowance + transportationAllowance;
30    }
31
32    // Print employee data
33    public void printdata(){
34        System.out.println("Name : " + name + ", Age : " + age + ", Average Salary : " + averageSalary() + ", Total Salary : " + totalSalary() + ", Living Allowance : " + livingAllowance + ", Transportation Allowance : " + transportationAllowance );
35    }
36    public int getAge() {
37        return age;
38    }
39    public int getTotalAllowance(){
40        return livingAllowance + transportationAllowance;
41    }
42    public String getName() {
43        return name;
44    }
45 }
46
47
```

## *Class employeMain*

```
1 package quiz;
2
3 public class Employee {
4     public String name;
5     public int[] salary; // Array to store 3 salary values
6     public int age;
7     public int livingAllowance;
8     public int transportationAllowance;
9
10    //constructor
11    public Employee (String name, int age, int[] salary, int livingAllowance, int transportationAllowance){
12        this.name = name;
13        this.age = age;
14        this.salary = salary;
15        this.livingAllowance = livingAllowance;
16        this.transportationAllowance = transportationAllowance;
17    }
18
19    //Calculate average salary
20    public double averageSalary() {
21        double sum = 0;
22        for (int s : salary) {
23            sum += s;
24        }
25        return sum / 3.0;
26    }
27    // Calculate total salary including allowance
28    public double totalSalary() {
29        return averageSalary() * 3 + livingAllowance + transportationAllowance;
30    }
31
32    // Print employee data
33    public void printdata(){
34        System.out.println("Name : " + name + ", Age : " + age + ", Average Salary : " + averageSalary() + ", Total Salary : " + totalSalary() + ", Living Allowance : " + livingAllowance + ", Transportation Allowance : " + transportationAllowance );
35    }
36    public int getAge() {
37        return age;
38    }
39    public int getTotalAllowance(){
40        return livingAllowance + transportationAllowance;
41    }
42    public String getName() {
43        return name;
44    }
45 }
46
47
```