Practical 3

1)

```
public class Employee {
   private String empName;
   private int age;
   private double basicSalary;
   private double bonus;

   public String getEmpName() {
      return empName;
   }
   public void setEmpName(String empName) {
      this.empName = empName;
   }
   public int getAge() {
      return age;
   }
   public void setAge(int age) {
      this.age = age;
   }
   public double getBasicSalary() {
      return basicSalary;
   }
   public void setBasicSalary(double basicSalary) {
      this.basicSalary = basicSalary;
   }
   public double getBonus() {
      return bonus;
   }
```

```
    public void setBonus(double bonus) {
        this.bonus = bonus;
    }
    // Constructor to set bonus value
    public Employee(double bonus) {
        this.bonus = bonus;
    }
    // Method to calculate the bonus amount
    public double calculateBonusAmount() {
        return basicSalary + bonus;
    }
}


public class TestEmployee {
    public static void main(String[] args) {
        Employee emp = new Employee(10000); // Bonus is passed through the constructor

        emp.setEmpName("Bogdan");
        emp.setBasicSalary(50000);

        System.out.println("Employee Name: " + emp.getEmpName());
        System.out.println("Basic Salary: " + emp.getBasicSalary());
        System.out.println("Bonus: " + emp.getBonus());
        System.out.println("Bonus Amount: " + emp.calculateBonusAmount());
    }
}
```

Output:

Employee Name: Bogdan
Basic Salary: 50000
Bonus: 10000
Bonus Amount: 60000