

Practical 3

3,1)

```
Start Page x EmployeeTest.java x Employee.java x
Source History
1
2 package com.mycompany.employeeest;
3
4 public class Employee
5 {
6     private final String Ename;
7     private final int Eage;
8     private final double Esalary;
9
10    public Employee(String name, int age, double salary)
11    {
12        this.Ename = name;
13        this.Eage = age;
14        this.Esalary = salary;
15    }
16    public String Name()
17    {
18        return Ename;
19    }
20    public int Age()
21    {
22        return Eage;
23    }
24    public double Salary()
25    {
26        return Esalary;
27    }
28 }
29
```

```
Start Page x EmployeeTest.java x Employee.java x
Source History
1
2 package com.mycompany.employeeest;
3
4 public class EmployeeTest
5 {
6
7     public static void main(String[] args, String name, String Age, String Salary)
8     {
9         Employee emoloyee = new Employee(name: "Shakya", age: 25, salary: 60000.00);
10
11         System.out.println(":Employee Name is "+name);
12         System.out.println(":Employee Age is "+Age);
13         System.out.println(":Employee Salary is "+Salary);
14     }
15 }
16
```

3,2)

```
Start Page x Employeeemain.java x Employee.java x
Source History
1
2 package com.mycompany.employeeemain;
3
4 public class Employee
5 {
6     private String name;
7     private double basicSalary;
8     private double bonus;
9
10    public Employee(String name, double basicSalary, double bonus) {
11        this.name = name;
12        this.basicSalary = basicSalary;
13        this.bonus = bonus;
14    }
15    public String getName() {
16        return name;
17    }
18    public void setName(String name) {
19        this.name = name;
20    }
21    public double getBasicSalary() {
22        return basicSalary;
23    }
24    public void setBasicSalary(double basicSalary) {
25        this.basicSalary = basicSalary;
26    }
27    public double getBonus() {
28        return bonus;
29    }
30    public void setBonus(double bonus) {
31        this.bonus = bonus;
32    }
33 }
34
```

```
Start Page x Employeeemain.java x Employee.java x
Source History
1
2 package com.mycompany.employeeemain;
3
4 public class Employeeemain
5 {
6
7     public static void main(String[] args)
8     {
9         Employee employee = new Employee(name: "Shakya", basicSalary: 60000.0, bonus: 2000.0);
10
11         System.out.println("Employee Name: " + employee.getName());
12         System.out.println("Basic Salary: " + employee.getBasicSalary());
13         System.out.println("Bonus: " + employee.getBonus());
14     }
15 }
16
17
```

3,3)

```
Start Page x Employeeobj.java x Employee.java x
Source History
1 package com.mycompany.employeeobj;
2
3 public class Employee
4 {
5     private String Ename;
6     private double EbSalary;
7     private double Ebonus;
8
9     public Employee(String name, double basicSalary, double bonus) {
10         this.Ename = name;
11         this.EbSalary = basicSalary;
12         this.Ebonus = bonus;
13     }
14     public String Name() {
15         return Ename;
16     }
17     public void Name(String name) {
18         this.Ename = name;
19     }
20     public double BasicSalary() {
21         return EbSalary;
22     }
23     public void BasicSalary(double basicSalary) {
24         this.EbSalary = basicSalary;
25     }
26     public double Bonus() {
27         return Ebonus;
28     }
29     public void Bonus(double bonus) {
30         this.Ebonus = bonus;
31     }
32     public double calculateBonusAmount() {
33         return EbSalary + Ebonus;
34     }
35 }
```

```
Start Page x Employeeobj.java x Employee.java x
Source History
1 package com.mycompany.employeeobj;
2
3
4 public class Employeeobj
5 {
6
7     public static void main(String[] args)
8     {
9         Employee employee = new Employee(name: "Bogdan", basicSalary: 50000.0, bonus: 10000.0);
10
11         System.out.println("Employee Name: " + employee.Name());
12         System.out.println("Basic Salary: " + employee.BasicSalary());
13         System.out.println("Bonus: " + employee.Bonus());
14         System.out.println("Bonus Amount: " + employee.calculateBonusAmount());
15     }
16 }
17
18
```