

Lab Sheet 03

Exercise 3-1

```
public class Employee
{
    private String name;
    private int age;
    private float salary;
    public void setData(String name,int age,float salary)
    {
        this.name=name;
        this.age=age;
        this.salary=salary;
    }
    public String getName()
    {
        return name;
    }
    public int getAge()
    {
        return age;
    }
    public float getSalary()
    {
        return salary;
    }
}
```

```
public class Empobj
{
    public static void main(String[] args)
    {
        Employee emp1=new Employee();
        emp1.setData("Anne", 25, 100000.00f);
        System.out.println("Employee name: "+emp1.getName());
        System.out.println("Age is: "+emp1.getAge());
        System.out.println("Earn: "+emp1.getSalary());
    }
}
```

//With constructor

public class Employee

{

 private String name;

 private int age;

 private float salary;

 public Encap(String name,int age,float salary)

 {

 this.name=name;

 this.age=age;

 this.salary=salary;

 }

 public String getName()

 {

 return name;

 }

 public int getAge()

 {

 return age;

 }

 public float getSalary()

 {

 return salary;

 }

}

```
public class Empobj
{
    public static void main(String[] args)
    {
        Employee emp1=new Employee("Anne",25,100000.00f);
        System.out.println("Employee name: "+emp1.getName());
        System.out.println("Age is: "+emp1.getAge());
        System.out.println("Earn: "+emp1.getSalary());
    }
}
```

Exercise 3-2

```
public class Employee
{
    private String emp_name;
    private double basic,bonus,bonus_amount;
    public void setEmp_name(String name)
    {
        emp_name=name;
    }
    public void setBasic(double basic)
    {
        this.basic=basic;
    }

    public String getEmp_name()
    {
        return emp_name;
    }
    public double getBasic()
    {
        return basic;
    }
    public Employee(double bonus)
    {
        this.bonus=bonus;
    }
}
```

```
public void calcBonusAmount()
{
    bonus_amount=bonus+basic;
}
public void display()
{
    System.out.println("Bonus: "+bonus);
    System.out.println("Bonus Amount: "+bonus_amount);
}
}
```

```
public class Empobj
{
    public static void main(String[] args)
    {
        Employee emp1=new Employee(10000);
        emp1.setEmp_name("Bogdan");
        emp1.setBasic(50000);
        System.out.println("Employee name: "+emp1.getEmp_name());
        System.out.println("Basic salary: "+emp1.getBasic());
        emp1.calcBonusAmount();
        emp1.display();
    }
}
```