

Practical-03

Exercise 3-1

```
public class D1 {  
    private String empname;  
    private int age;  
    private float salary;  
  
    public String getempname()  
    {  
        return empname;  
    }  
    public void setempname(String en)  
    { empname=en;  
    }  
    public int getage()  
    {  
        return age;  
    }  
    public void setage(int a)  
    { age=a;  
    }  
    public float getsalary()  
    {  
        return salary;  
    }  
    public void setsalary(float s)  
    { salary=s;
```

```

}
}

public class Test{

    public static void main(String[] args) {

        D1 e1=new D1();
        e1.setempname("Ben");
        System.out.println("Employee Name:"+e1.getempname());

        D1 e2=new D1();
        e2.setage(22);
        System.out.println("Employee age:"+e2.getage());

        D1 e3=new D1();
        e3.setsalary(22000);
        System.out.println("Employee salary:"+e3.getsalary());

    }

}

```

Replacing with the Constructor:

```

public class D1 {

    private String empname;

    private int age;

    private float salary;

    public D1(String empname,int age,float salary)
    { this.empname=empname;

      this.age=age;

      this.salary=salary;

    }
}

```

```

public void Displaydetails()
{ System.out.println("Employee NAme:"+empname);
System.out.println("Employee age:"+age);
System.out.println("Employee Salary:"+salary);
}
}

```

```

public class Test{

```

```

    public static void main(String[] args) {
        D1 e1=new D1("Ben",22,22000.00f);
        e1.Displaydetails();

    }
}

```

Exercise 3-2

```

public class Employee {

```

```

    private String empname;
    private float basicsalary;
    private float bonus;
    private float bonusamount;

```

```

    public String getempname()
    {
        return empname;
    }

```

```

    public void setempname(String en)

```

```
{ empname=en;  
}
```

```
public float getbasicsalary()  
{  
    return basicsalary;  
}
```

```
public void setbasicsalary(float salary)  
{basicsalary=salary;  
}
```

```
public Employee(float bonus)  
{  
    this.bonus=bonus;  
}  
public void display()  
{ System.out.println("Bonus:"+bonus);  
}
```

```
public void calbonusamount()  
{ bonusamount=bonus+basicsalary;  
    System.out.println("Bonus Amout:"+bonusamount);  
}  
}
```

```
public class Emp {
```

```
public static void main(String[] args) {  
    Employee e1=new Employee(10000.00f);  
    e1.setempname("Bogdan");  
    e1.setbasicsalary(50000.00f);  
  
    System.out.println("Employee Name:"+e1.getempname());  
    System.out.println("Employee Basic salary:"+e1.getbasicsalary());  
    e1.display();  
    e1.calbonusamount();  
  
}  
}
```

