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LAB - II

1.


```
import java.util.*;

class student{
    String name,city;
    int age;
    void printData(String name, String city, int age)
    {
        System.out.println("The name is "+name+" his city is "+city+" and his age is "+age);
    }
}

class Main_bilal{
    public static void main(String[] args)
    {
        student s1=new student();
        student s2=new student();
        Scanner sc= new Scanner(System.in);
        s1.printData("Bilal","Thoothukudi",18);
        s2.printData("Vishwa","Chennai",18);

    }
}
```

OUTPUT

A screenshot of a terminal window with a black background and green text. It shows the output of the Java program: "The name is Bilal his city is Thoothukudi and his age is 18" followed by "The name is Vishwa his city is Chennai and his age is 18". At the bottom, it says "...Program finished with exit code 0" and "Press ENTER to exit console." with a cursor icon.

```
The name is Bilal his city is Thoothukudi and his age is 18
The name is Vishwa his city is Chennai and his age is 18

...Program finished with exit code 0
Press ENTER to exit console.
```

2.

```
import java.util.*;


class student{
```

```

    String name;
    int roll;
}
class Main_bilal{
    public static void main(String[] args)
    {
        student s1=new student();
        s1.name="John";
        s1.roll=56;
        System.out.println("The student name is "+s1.name+" and his roll is "+s1.roll);
    }
}

```

OUTPUT



```

The student name is John and his roll is 56
...Program finished with exit code 0
Press ENTER to exit console.

```

3.

```

import java.util.*;
class student2{
    String name;
    int age;
    void getData(String a, int b)
    {
        name=a;
        age =b;
    }
    void printData()
    {
        System.out.println("The name is "+name+" and his age is "+age);
    }
}

```


```

}
class Main_bilal{
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        student2 s1=new student2();
        student2 s2=new student2();
        s1.getData("BILAL",18);
        s1.printData();
        s2.getData("JODE",19);
        s2.printData();

    }
}

```

OUTPUT



```

The name is BILAL and his age is 18
The name is JODE and his age is 19

...Program finished with exit code 0
Press ENTER to exit console.

```

4.

```

import java.util.*;

class Area{
    int length,breadth;
    void setDim(int a, int b)
    {
        length=a;
        breadth=b;
    }
    void getArea()
    {
        double area=2*(length+breadth);
    }
}

```


```

        System.out.println("The area is "+area);
    }
}
class Main_bilal{
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        Area a1=new Area();
        System.out.println("Enter the details of rectangle");
        a1.length=sc.nextInt();
        a1.breadth=sc.nextInt();
        a1.setDim(a1.length,a1.breadth);
        a1.getArea();

    }
}

```

OUTPUT



```

Enter the details of rectangle
50
20
The area is 140.0

...Program finished with exit code 0
Press ENTER to exit console.

```

5.

```

class employee{
    String name,Address;
    int year;
    void printData(String a, int b, String c)
    {
        System.out.println(a+"    "+b+"    "+c);
    }
}

```

```

class Main_bilal{
    public static void main(String[] args) {
        employee e1=new employee();
        employee e2=new employee();
        employee e3=new employee();
        System.out.println("Name    Year of joining    Address");
        e1.printData("Robert",1994,"64C- WallsStreat");
        e2.printData("Sam",2000,"68D- WallsStreat");
        e3.printData("John",1999,"26B- WallsStreat");
    }
}

```

OUTPUT

```

Name      Year of joining    Address
Robert    1994      64C- WallsStreat
Sam       2000      68D- WallsStreat
John      1999      26B- WallsStreat

...Program finished with exit code 0
Press ENTER to exit console.

```

6.

```

class AddDistance {
    int d1,d2;
    int add(){
        return d1+d2;
    }
}

class Main_bilal
{
    public static void main(String[] args) {
        AddDistance o1 = new AddDistance();
        o1.d1 = 5;o1.d2=6;
        int ans = o1.add();
        System.out.println(ans+"in inches");
        AddDistance o2 = new AddDistance();
        o2.d1 = 88;o2.d2=89;
    }
}

```

```
        int ans1 = o2.add();

        System.out.println(ans1+"in feet");
    }
}
```

OUTPUT

```
11in inches
177in feet

...Program finished with exit code 0
Press ENTER to exit console.[]
```