



Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

AY: 2024-25

Class:	SE	Semester:	III
Course Code:		Course Name:	object oriented programming JAVA.

Name of Student:	Atharva. V. Bore
Roll No. :	07.
Assignment No.:	06
Title of Assignment:	
Date of Submission:	
Date of Correction:	

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	
Demonstrated Knowledge	3	
Legibility	2	
Total	10	

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated Knowledge	3	2	1
Legibility	2	1	0

Checked by

Name of Faculty :

Signature :

Date :

Assignment - 06

- Q1) Create a graphics Java program to draw oval and a filled oval of different and equal diameter. Draw output and explain the same.

```
import java.a  
import java.*swing*;
```

```
public class oval Drawing extends JPanel {
```

```
    @Override
```

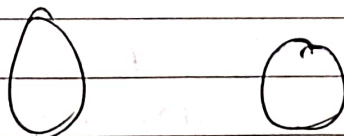
```
    protected void paintComponent (Graphics g)
```

```
    {  
        Super.paintComponent (g);  
        g - drawoval (10, 50, 150, 100);  
        {  
            set colour (colour BLUE);  
        }  
        g - fill oval (250, 50, 100, 100);  
    }
```

```
    public static void main (String[] args)
```

```
    {  
        JFrame frame = new JFrame oval  
        Drawing [Example];  
        frame.add (new oval Drawing ());  
        frame - set size (400, 200);  
        frame - set visible (true);  
    }
```

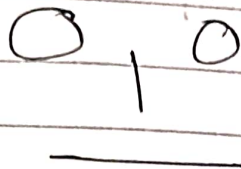
output :



②

(82)

Create a java graphics program to display the following.



Soln:

```
import java.applet.Applet;  
import java.swing.*;  
import java.swing.*;
```

```
public class Jull Drawing extends JPanel {
```

```
    @ override
```

```
    protected void paintComponent(Graphics g)
```

```
{
```

```
    super.paintComponent(g);
```

```
    g.drawoval(100, 50, 50, 21)
```

```
    g.drawoval(200, 50, 50, 25)
```

```
    g.drawline(17, 100, 17, 100)
```

```
    g.drawline(150, 200, 200, 200);
```

```
    public static void main (String[] args)
```

```
{
```

```
        JFrame frame = new JFrame ("Frame Drawing");
```

```
        frame.setDefaultCloseOperation (JFrame.  
            EXIT_ON_CLOSE);
```

```
        frame.add (new GFace Drawing ());
```

```
        frame.setSize (400 300);
```

```
        frame.setVisible (true);
```

```
    }
```

```
}
```