

Question 6.1

```
import java.awt.Graphics;
import java.awt.Graphics2D;
import java.awt.geom.Line2D;
import javax.swing.JComponent;

public class Ch2ProjectQ6_1SBakshi extends JComponent
{
    public void paintComponent(Graphics g)
    {
        Graphics2D g2 = (Graphics2D) g;

        Line2D.Double line1 = new Line2D.Double(10, 50, 20, 50); // (x1,y1, x2,y2)
        Line2D.Double line2 = new Line2D.Double(10, 50, 15, 25);
        Line2D.Double line3 = new Line2D.Double(15, 25, 20, 50);

        g2.draw(line1);
        g2.draw(line2);
        g2.draw(line3);
    }
}
```

Question 6.2

```
import javax.swing.JFrame;

public class Ch2ProjectQ6_2SBakshi
{
    public static void main(String[] args)
    {
        JFrame frame = new JFrame();
        frame.setSize(300, 200);
        frame.setTitle("Triangle Viewer");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        Ch2ProjectQ6_1SBakshi component = new Ch2ProjectQ6_1SBakshi();
        frame.add(component);

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

```
symbol:   class Ch2ProjectQ6_1Bakshi
location: class Ch2ProjectQ6_2SBakshi
Ch2ProjectQ6_2SBakshi.java:12: error: cannot find symbol
    Ch2ProjectQ6_1Bakshi compo
    ^
symbol:   class Ch2ProjectQ6_1Bakshi
location: class Ch2ProjectQ6_2SBakshi
2 errors
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ6SBakshi> javac *.java
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ6SBakshi> java Ch2ProjectQ6_2SBakshi
```

