WRITE A PROGRAM TO DEMONSTRATE STATUS OF KEY ON AN APPLET WINDOW SUCH AS KEY
PRESSED,KEY RELEASED,KEY UP AND KEY DOWN.
QUESION :
1.WRITE DIFFERENCE BETWEEN JAVA APPLICATION AND APPLET
2.EXPLAIN THE LIFE CYCLE OF AN APPLET

PROGRAM :

```java
import java.awt.*;
import java.applet.*;
import java.awt.event.*;

@SuppressWarnings("serial")
public class KeyboardDemo extends Applet implements KeyListener
{
    String msg = "";

    public void init()
    {
        addKeyListener(this);
    }

    public void keyReleased(KeyEvent k)
    {
        msg="Key Released";
        showStatus("Key Released");
        repaint();
    }

    public void keyTyped(KeyEvent k)
    {
        msg="Key Typed";
        showStatus("Key Typed");
        repaint();
    }

    public void keyPressed(KeyEvent k)
    {


        msg="Key Pressed";
        showStatus("Key Pressed");
        repaint();
        int key=k.getKeyCode();
        switch(key)
        {
        case KeyEvent.VK_F1:
        msg=msg+":F1";
        break;
        case KeyEvent.VK_F2:
        msg=msg+":F2";
        break;
        case KeyEvent.VK_F3:
        msg=msg+":F3";
        break;
        case KeyEvent.VK_F4:
        msg=msg+":F4";
        break;
        case KeyEvent.VK_UP:
        msg=msg+":KEY UP";
        break;
        case KeyEvent.VK_DOWN:
        msg=msg+":KEY Down ";
        break;
        case KeyEvent.VK_LEFT:
```

```java
            msg=msg+":KEY LEFT";
            break;
            case KeyEvent.VK_RIGHT:
            msg=msg+":KEY RIGHT ";
            break;


        }
    }

    public void paint(Graphics g)
    {
        g.drawString(msg, 10, 10);
    }
}
```