

IWP LAB 12**QUESTION**

Design an applet that has a graphics segment such as text and shape fitted against a coloured background. The applet must be displayed in a window of size 100 x 100 against any browser.

Java applet code

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

public class HelloWorld extends Applet {
    public void paint(Graphics g) {
        Font f = new Font("Arial",Font.BOLD,18);
        g.setFont(f);
        g.setColor(Color.WHITE);
        g.drawLine(5, 5, 105, 5);
        g.setColor(Color.GREEN);
        g.drawString("Dhruv Garg", 5, 30);
        g.setColor(Color.WHITE);
        g.drawLine(5, 40, 105, 40);
        g.setColor(Color.RED);
        g.fillRect(5,70,100,130);
        g.setColor(Color.BLUE);
        g.fillArc(20, 10, 200, 200, 0, 90);
        g.setColor(Color.ORANGE);
        g.fillRect(240, 10, 100, 100);
        g.setColor(Color.YELLOW);
        g.drawOval(120,120,200,100);
        Font i = new Font("Arial",Font.BOLD,24);
        g.setFont(i);
        g.setColor(Color.GREEN);
        g.drawString("16BCE1190", 160, 180);}

    public void init() {
        setBackground(Color.BLACK);}
```

HTML Code

```
<html>

<head>

<title> A Simple Program </title>

</head>

<body>

Here is the output of my program:

<applet code="HelloWorld.class" width="100" height="100">

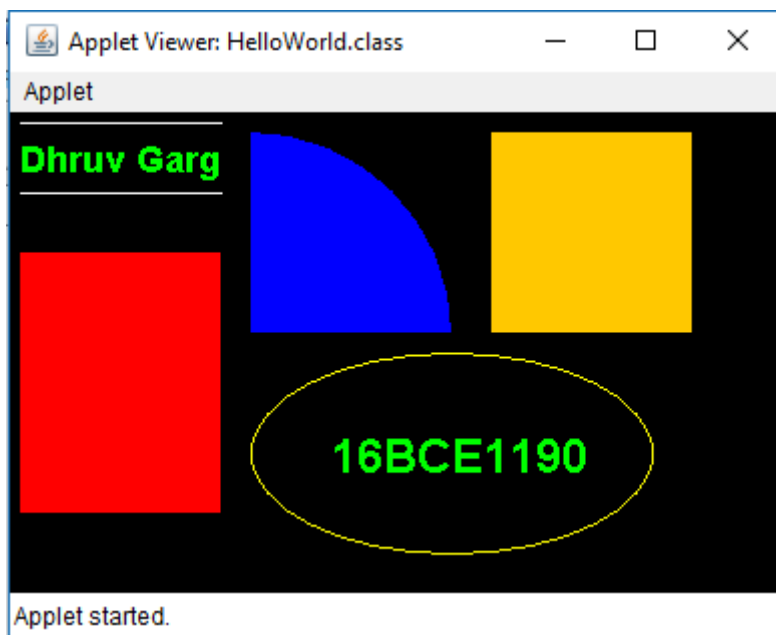
Java applet that draws shapes and text on a coloured background.

</applet>

</body>

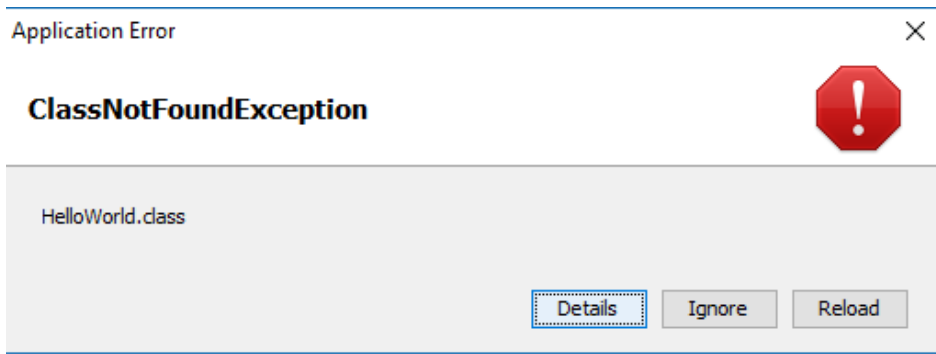
</html>
```

OUTPUT on Netbeans IDE



Note:

Unfortunately, I was unable to run it on the browser. Applets are not supported any longer by Firefox, Chrome and Microsoft Edge. I enabled applet scripting on Internet Explorer, it showed the box where the plugin would run, but returned the following error: (in spite of placing the .html and .class file in the same folder)



Displays the plugin box on Internet explorer but doesn't run the applet.

