PROGRAM:

```java
import java.awt.*;
import java.applet.*;
/*<applet
code="TrafficSignal.class"
width=700
height=700>
</applet>*/

public class TrafficSignal extends Applet implements Runnable
{
public void init()
{
setBackground(Color.blue);
}
public void start()
{
Thread t=new Thread(this);
t.start();
}
public void run()
{
for(;;)
{
repaint();
try
{
Thread.sleep(100);
}
catch(InterruptedException e)
{}
}
}
public void paint(Graphics g)
{
g.drawString("Stop",350,260);
g.drawString("Get Ready",350,310);
g.drawString("Go",350,360);
g.fillRect(285,240,60,150);
g.setColor(Color.red);
g.fillOval(300,250,30,30);
g.setColor(Color.yellow);
g.fillOval(300,300,30,30);
g.setColor(Color.green);
g.fillOval(300,350,30,30);
}
}
```

OUTPUT:

D:\Aniket JAVA>javac TrafficSignal.java
D:\Aniket JAVA>appletviewer TrafficSignal.java