

```
//DIVYANSH KATOCH
```

```
//18BCA1009(4a)
```

```
import java.awt.Color;
```

```
import java.awt.event.MouseEvent;
```

```
import java.awt.event.MouseListener;
```

```
import javax.swing.JButton;
```

```
import javax.swing.JComboBox;
```

```
import javax.swing.JFrame;
```

```
import javax.swing.JLabel;
```

```
import javax.swing.JTextField;
```

```
class dropdown extends JFrame implements MouseListener
```

```
{
```

```
    JButton btn;
```

```
    JTextField txt;
```

```
    JLabel lbl;
```

```
    JComboBox color1;
```

```
    public dropdown()
```

```
{
```

```
        setSize(500,400);
```

```
        setTitle("harpuneet");
```

```
setLayout(null);

btn = new JButton("show");

btn.setBounds(100, 300, 80, 60);

btn.addMouseListener(this);

add(btn);

txt = new JTextField(51);

add(txt);

lbl=new JLabel();

add(lbl);

color1=new JComboBox();

color1.addItem("Red");

color1.addItem("Green");

color1.addItem("Yellow");

color1.addItem("blue");

color1.addItem("Gray");

color1.setBounds(100, 200, 100, 50);

getContentPane().setBackground(null);

add(color1);

setVisible(true);

}
```

@Override

public void mouseClicked(MouseEvent e)

{

if(color1.getSelectedItem().toString().equals("Red"))

getContentPane().setBackground(Color.RED);

if(color1.getSelectedItem().toString().equals("Green"))

getContentPane().setBackground(Color.GREEN);

if(color1.getSelectedItem().toString().equals("blue"))

getContentPane().setBackground(Color.BLUE);

if(color1.getSelectedItem().toString().equals("Gray"))

getContentPane().setBackground(Color.GRAY);

else if (color1.getSelectedItem().toString().equals("Yellow"))

getContentPane().setBackground(Color.YELLOW);

}

@Override

```
public void mousePressed(MouseEvent e) {  
  
    int s = e.getX();  
  
    int r = e.getY();  
  
    txt.setText("mouse Pressed");  
  
}
```

@Override

```
public void mouseReleased(MouseEvent e) {  
  
    txt.setText("mousereleased");  
  
  
  
}
```

@Override

```
public void mouseEntered(MouseEvent e) {  
  
    txt.setText("mouseEntered");  
  
  
  
}
```

@Override

```
public void mouseExited(MouseEvent e) {  
  
    // TODO Auto-generated method stub
```

```
txt.setText(" mouseExited");  
  
}  
  
public class test {  
  
    public static void main(String[] args) {  
  
        new dropdown();  
  
    }  
  
}
```