

# CHANDIGARH UNIVERSITY

## IP Experiment No-10

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Class – BCA 4th A

Question:-

Create an Awt based java application which will be able to display any five colors in dropdown (use choice) Add an appropriate listener which will be able to change the background color of the frame as per selected color from dropdown by the user.

Answer:-

```
import java.awt.*;
import java.awt.event.*;
class Manish
{
    public static void main(String[] args) {
        Frame f=new Frame("Color Changer");
        Button change=new Button("Change Color");
        Choice choice=new Choice();
        choice.setBounds(60,50,150,30);
        change.setBounds(60,80,150,30);
```

```
choice.setBackground(Color.LIGHT_GRAY);
change.setBackground(Color.LIGHT_GRAY);
choice.add("Red");
choice.add("Green");
choice.add("Blue");
choice.add("Yellow");
choice.add("Pink");
change.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        int index = choice.getSelectedIndex();
        switch(index){
            case 0:
                f.setBackground(Color.RED);
                break;
            case 1:
                f.setBackground(Color.GREEN);
                break;
            case 2:
                f.setBackground(Color.BLUE);
                break;
            case 3:
                f.setBackground(Color.YELLOW);
                break;
            case 4:
                f.setBackground(Color.PINK);
```

```
        break;
    }
}
});

f.add(choice);
f.add(change);
    f.setSize(250,250);
    f.setLayout(null);
    f.setVisible(true);
}
}
```

Output:-

