



Department of Computer Science and Engineering Data Science

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Class / Branch: SE Data Science

Subject: OOPJ Lab

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Experiment No. 14

Aim:- Write a Java program to demonstrate the use of AWT components like Label, Textfield, TextArea, Button, Checkbox, RadioButton etc.

Program :

```
import java.awt.*;

import java.util.*;

class exp14

{

    public static void main( String args[] )

    {

        Frame f = new Frame();

        f.setVisible(true);

        f.setSize(400,400);

        f.setLayout(new FlowLayout());

        Label l1 = new Label("Select Subjects:");
```



```
Checkbox cb1 = new Checkbox("English");
```

```
Checkbox cb2 = new Checkbox("Sanskrit");
```

```
Checkbox cb3 = new Checkbox("Hindi");
```

```
Checkbox cb4 = new Checkbox("Marathi");
```

```
Label l2 = new Label("Select Gender:");
```

```
CheckboxGroup cg = new CheckboxGroup();
```

```
Checkbox c1 = new Checkbox("Male",cg,true);
```

```
Checkbox c2 = new Checkbox("Female",cg,true);
```

```
f.add(l1);
```

```
f.add(cb1);
```

```
f.add(cb2);
```

```
f.add(cb3);
```

```
f.add(cb4);
```

```
f.add(l2);
```

```
f.add(c1);
```

```
f.add(c2);
```

```
}
```

```
}
```



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Output:-

A screenshot of a web application window. The window has a dark gray title bar with standard minimize, maximize, and close buttons. The main content area is light gray. At the top, it says 'Select Subjects:' followed by four checkboxes: 'English' (unchecked), 'Sanskrit' (checked), 'Hindi' (unchecked), and 'Marathi' (unchecked). Below this, it says 'Select Gender:' followed by two radio buttons: 'Male' (selected) and 'Female' (unchecked). The 'Male' radio button is highlighted with a black border.