

```

JComboBox cb = new JComboBox(Languages);
cb.setBounds(50, 50, 90, 20);
p.add(cb);
p.setLayout(null);
p.setSize(400, 500);
p.setVisible(true);

```

```

}
public static void main(String[] args) {

```

```

    new ComboExample();

```

practical 3

① Date of performance :- 20 sept 2021

① Date of submission :- 23 sept 2021

Aim :- Write a program in Java to create a JTree

① Description of JTree :-

JTree class is used to display the tree structured data or hierarchical data. JTree is a complex component. It has a 'root node' at the top most which is a parent for all nodes in the tree.

Java code :-

```
import javax.swing.*;
import javax.swing.tree.DefaultMutableTreeNode;
public class TreeExample {
```

```
    JFrame f;
```

```
    TreeExample () {
```

```
        f = new JFrame();
```

```
        DefaultMutableTreeNode GrandFather = new DefaultMutableTreeNode
            ("Grand Father");
```

```
        DefaultMutableTreeNode Father = new DefaultMutableTreeNode
            ("Father");
```

```
        DefaultMutableTreeNode Mother = new DefaultMutableTreeNode
            ("Mother");
```

```
        DefaultMutableTreeNode Ram = new DefaultMutableTreeNode
            ("Ram");
```

```
        GrandFather.add(Mother);
```

```
        GrandFather.add(Father);
```

```
        Father.add(Ram);
```

```
        JTree jt = new JTree(GrandFather);
```

```
        f.add(jt);
```

```
        f.setSize(300,200);
```

```
        f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
        public static void main (String args[]) {
```

```
            new TreeExample();
```

```
        }
```

Compilation & Execution :-


In Java, programs are not compiled into executable files, they are compiled into bytecode, which the JVM then executes at runtime.


For all the java practicals execution I used eclipse as a editor.


In that, I made a Folder name as JavaPracticals inside that I created the package name as practical_1, practical_2 and so on.


Then inside every packages I wrote the code in the ~~class~~ class file and executed it by using run btn in the editor itself.





 GrandFather

♀  mother

 Ram

 Sham

♀  father

 Sita

 Rita