

DepartmentTree.java (Tree using Map):

CODE:

```
import java.util.*;
```

```
public class DepartmentTree {
```

```
    Map<String, List<String>> tree = new HashMap<>();
```

```
    DepartmentTree() {
```

```
        tree.put("Hospital", Arrays.asList("Cardiology", "Neurology"));
```

```
        tree.put("Cardiology", Arrays.asList("ICU", "OPD"));
```

```
    }
```

```
    void display() {
```

```
        System.out.println(tree);
```

```
    }
```

```
}
```