

HospitalGraph.java (Graph):

CODE:

```
import java.util.*;  
  
public class HospitalGraph {  
    Map<String, List<String>> graph = new HashMap<>();  
  
    HospitalGraph(){  
        graph.put("Hospital A", Arrays.asList("Hospital B", "Hospital C"));  
        graph.put("Hospital B", Arrays.asList("Hospital A"));  
    }  
  
    void display(){  
        System.out.println(graph);  
    }  
}
```