

**EXPERIMENT NO. 8**

**Problem Statement:** Write XML file for Hospital and save the file as dr.xml.

**Program:**

**dr.xml**

```
<?xml version="1.0" encoding="UTF-8"?>
<hospital>
  <doctors>
    <doctor>
      <name>Dr. John Smith</name>
      <specialty>Cardiologist</specialty>
      <phone>555-1234</phone>
    </doctor>
    <doctor>
      <name>Dr. Jane Doe</name>
      <specialty>Neurologist</specialty>
      <phone>555-5678</phone>
    </doctor>
  </doctors>
  <staff>
    <employee>
      <name>Susan Lee</name>
      <position>Nurse</position>
      <phone>555-1111</phone>
    </employee>
    <employee>
      <name>Michael Chen</name>
      <position>Receptionist</position>
      <phone>555-2222</phone>
    </employee>
    <employee>
      <name>Emily Park</name>
      <position>Janitor</position>
      <phone>555-3333</phone>
    </employee>
  </staff>
  <patients>
    <patient>
      <name>John Johnson</name>
      <age>42</age>
      <gender>Male</gender>
      <phone>555-4444</phone>
    </patient>
    <patient>
      <name>Jane Smith</name>
```

```
<age>35</age>
<gender>Female</gender>
<phone>555-5555</phone>
</patient>
<patient>
  <name>Robert Lee</name>
  <age>64</age>
  <gender>Male</gender>
  <phone>555-6666</phone>
</patient>
<patient>
  <name>Sara Kim</name>
  <age>28</age>
  <gender>Female</gender>
  <phone>555-7777</phone>
</patient>
</patients>
</hospital>
```

**Output:**