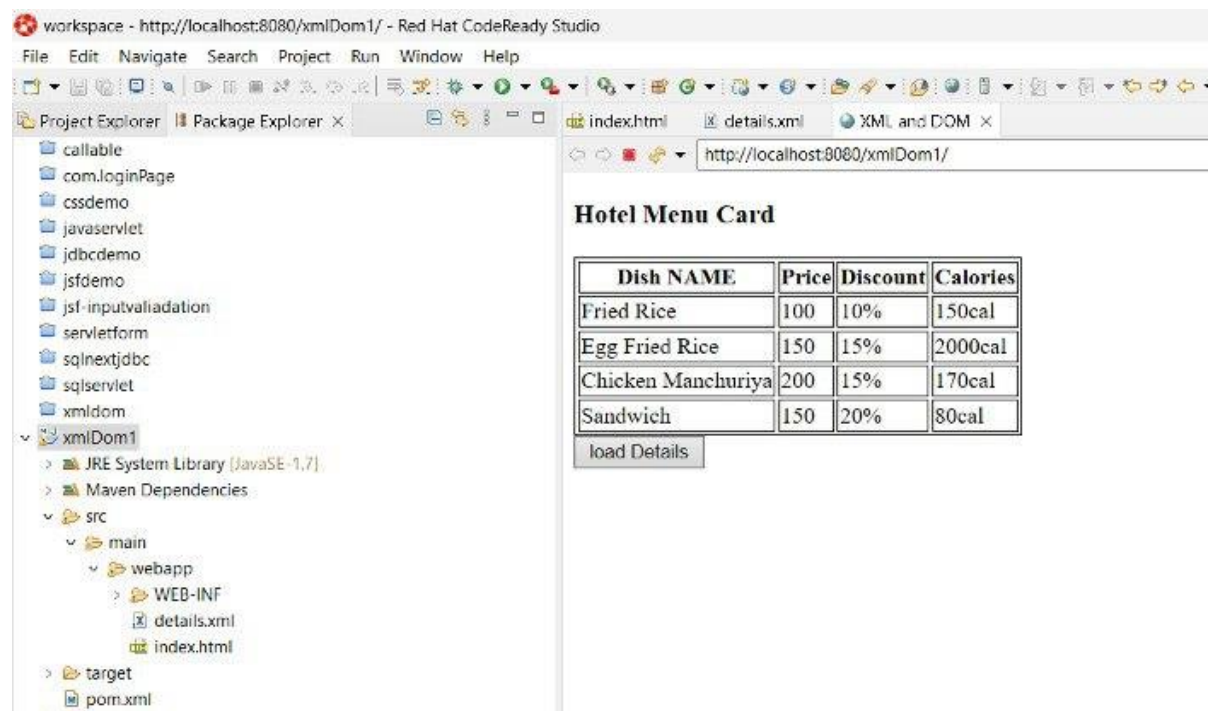


ENTERPRISE PROGRAMMING INSEM-1 exam

2100031921

E.kowshik

XML DOM (prepare menu card)



workspace - http://localhost:8080/xmlDom1/ - Red Hat CodeReady Studio

File Edit Navigate Search Project Run Window Help

Project Explorer Package Explorer index.html details.xml XML and DOM x

http://localhost:8080/xmlDom1/

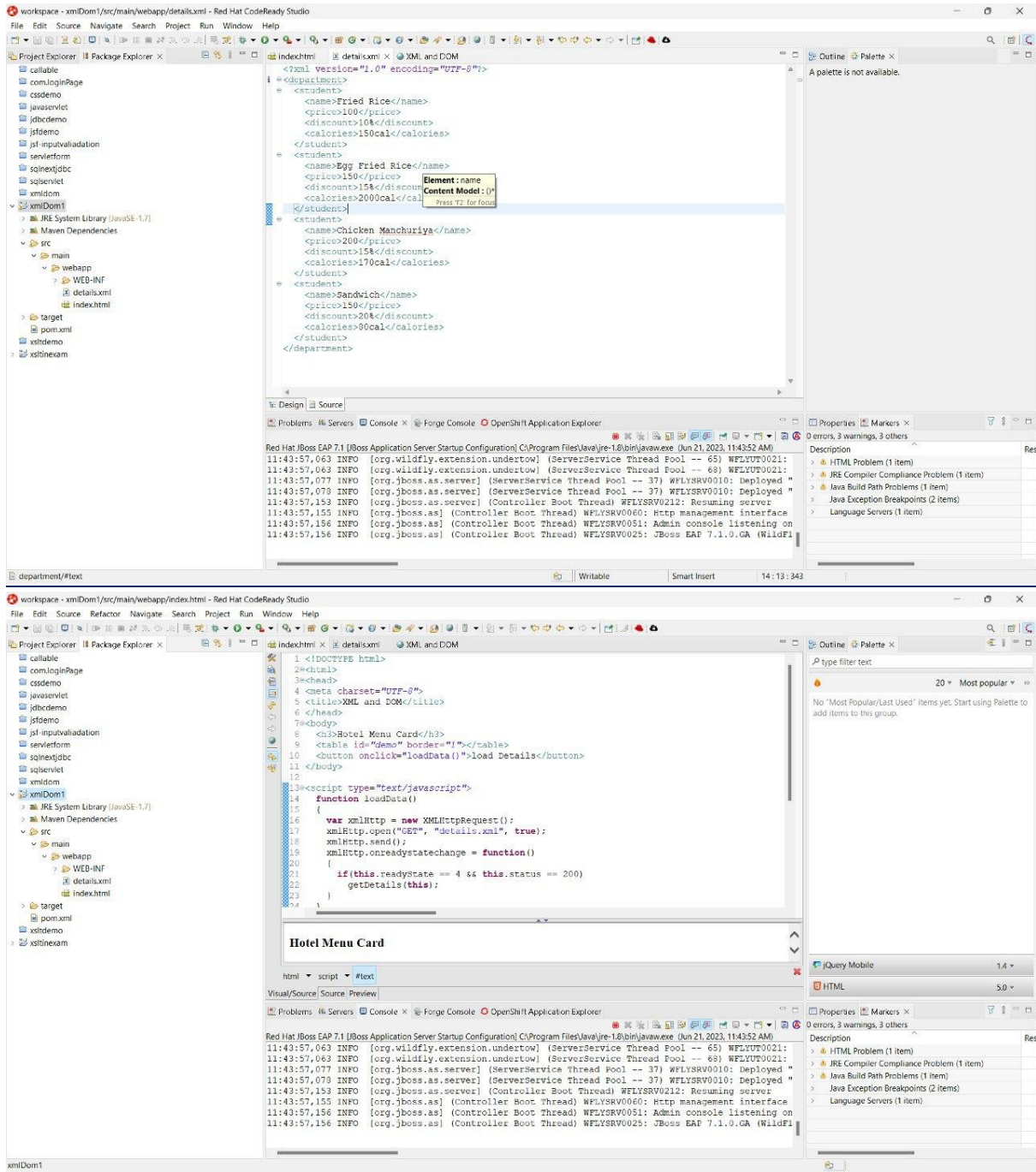
Hotel Menu Card

Dish NAME	Price	Discount	Calories
Fried Rice	100	10%	150cal
Egg Fried Rice	150	15%	2000cal
Chicken Manchuriya	200	15%	170cal
Sandwich	150	20%	80cal

load Details

Project Explorer:

- callable
- com.loginPage
- cssdemo
- javaservlet
- jdbcdemo
- jsdemo
- jsf-inputvalidation
- servletform
- sqlnextjdbc
- sqlservlet
- xmlDom
- xmlDom1
 - JRE System Library [JavaSE-1.7]
 - Maven Dependencies
 - src
 - main
 - webapp
 - WEB-INF
 - details.xml
 - index.html
 - target
 - pom.xml



Index.html

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <title>XML & DOM</title>
</head>
<body>
  <h3>Hotel Menu Card</h3>
  <table id="demo" border="1"></table>
  <button onclick="loadData()">load Details</button>
```

```

</body>

<script type="text/javascript">
    function loadData()
    {
        var xmlHttp = new XMLHttpRequest();
        xmlHttp.open("GET", "det.xml", true);
        xmlHttp.send();
        xmlHttp.onreadystatechange = function()
        {
            if(this.readyState == 4 && this.status == 200)
                getDetails(this);
        }
    }

    function getDetails(response)
    {
        var xmlDoc = response.responseXML;
        var X = xmlDoc.getElementsByTagName("student");
        var table = "<tr> <th>Dish NAME</th>
<th>price</th><th>discount</th><th>calories</th> </tr>";
        for(var i=0; i<X.length; i++)
        {
            table += "<tr> <td>"+
X[i].getElementsByTagName("name")[0].childNodes[0].nodeValue + "</td> <td>"+
X[i].getElementsByTagName("price")[0].childNodes[0].nodeValue
+X[i].getElementsByTagName("discount")[0].childNodes[0].nodeValue +
X[i].getElementsByTagName("calories")[0].childNodes[0].nodeValue + "</td>
</tr>";
        }

        document.getElementById("demo").innerHTML = table;
    }
</script>

</html>

```

Details.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<department>
    <student>
        <name>Fried Rice</name>
        <price>100</price>
        <discount>10%</discount>
        <calories>150cal</calories>
    </student>
    <student>
        <name>Egg Fried Rice</name>
        <price>150</price>
        <discount>15%</discount>
        <calories>2000cal</calories>
    </student>
    <student>
        <name>Chicken Manchuriya</name>
        <price>200</price>
    </student>

```

```
        <discount>15%</discount>
        <calories>170cal</calories>
    </student>
    <student>
        <name>Sandwich</name>
        <price>150</price>
        <discount>20%</discount>
        <calories>80cal</calories>
    </student>
</department>
```