

2100030025

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Enterprise Programming In-Sem-1

XML-XSLT:

Details.xml Code:

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="myxsl.xsl"?>
<contact>
  <person>
    <name>Vardhan </name>
    <fathername>Ram </fathername>
    <dob>08/05/1994</dob>
    <address>XYZ, Chennai, 1212</address>
    <contact_no>8657489652</contact_no>
  </person>
  <person>
    <name>Anitha</name>
    <fathername>Sree</fathername>
    <dob>12/10/1998</dob>
    <address>ZZZ, Guntur, 3434</address>
    <contact_no>9658741234</contact_no>
  </person>
  <person>
    <name>Suresh</name>
    <fathername>Kumar</fathername>
    <dob>19/09/2002</dob>
    <address>XXX, PALAKAD, 009</address>
    <contact_no>8541237856</contact_no>
  </person>
</contact>
```

Myxsl.xml Code:

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:template match="/">
    <!-- TODO: Auto-generated template -->

    <html>
      <head>
        <title>XSLT Demo</title>
      </head>
      <body>
        <h2>Contact Details</h2>
        <table border="1">
          <tr>
            <th>NAME</th>
            <th>FATHERNAME</th>
            <th>DOB</th>
            <th>ADDRESS</th>
            <th>CONTACT_NO</th>
          </tr>
          <xsl:for-each select="contact/person">
            <tr>
              <td> <xsl:value-of
select="name"></xsl:value-of> </td>
              <td> <xsl:value-of
select="fathername"></xsl:value-of> </td>
              <td> <xsl:value-of
select="dob"></xsl:value-of> </td>
              <td> <xsl:value-of
select="address"></xsl:value-of> </td>
              <td> <xsl:value-of
select="contact_no"></xsl:value-of> </td>
            </tr>
          </xsl:for-each>
        </table>
      </body>
    </html>

  </xsl:template>
</xsl:stylesheet>
```

Output:

The screenshot shows the Red Hat CodeReady Studio interface. The main window displays a web application running on WildFly. The browser shows a 'Contact Details' page with a table of user information. The console shows the application startup logs.

Contact Details

NAME	FATHERNAME	DOB	ADDRESS	CONTACT_NO
Vardaan	Ram	08-05-1994	XYZ Chennai, 1212	8657489652
Anurha	Sree	12-10-1998	ZZZ Guwahati 3434	9658741234
Suresh	Kumar	19-09-2002	XXX PALAKAD,009	8541237856

Console Output:

```
Red Hat Boss EAP 7.1 | [Boss Application Server Startup Configuration] C:\Program Files\Java\jdk-8.0.202-b11\bin\java.exe (21-Jun-2023 3:29:25 pm)
15:19:29,551 INFO [org.wildfly.extension.undertow] (MSC service thread 1-1) WFLYUT0004: Undertow HTTP listener https listening on 127.0.0.1:8443
15:19:29,627 INFO [org.jboss.ws.common.management] (MSC service thread 1-7) JBossWS02052: Starting JBossWS 5.1.9.Final-redhat-1 (Apache CXF 3.1.12.redhat-1)
15:19:29,687 INFO [org.jboss.as.server] (Controller Boot Thread) WFLYSRV0121: Resuming server
15:19:29,690 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0040: Http management interface listening on http://127.0.0.1:9990/management
15:19:29,690 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0051: Admin console listening on http://127.0.0.1:9990
15:19:29,690 INFO [org.jboss.as] (Controller Boot Thread) WFLYSRV0025: JBoss EAP 7.1.0.0.A (WildFly Core 3.0.10.Final-redhat-1) started in 315ms - Started 292 of 553 services (
15:19:29,704,213 INFO [org.jboss.as.server.deployment.scanner] (DeploymentScanner-threads - 1) WFLYDS0004: Found xml-wildemo.war in deployment directory. To trigger deployment cre
15:19:29,704,241 INFO [org.jboss.as.server.deployment] (MSC service thread 1-2) WFLYSRV0027: Starting deployment of "xml-wildemo.war" (runtime-name: "xml-wildemo.war")
15:19:29,704,512 INFO [org.infinispan.factories.globalComponentRegistry] (MSC service thread 1-2) ISPN000128: Infinispan version: Infinispan 'Chakra' 5.1.5.Final-redhat-1
15:19:29,704,564 INFO [org.jboss.as.clustering.infinispan] (ServerService Thread Pool -- 62) WFLYCLINF0001: Started client-mappings cache from e3b container
15:19:29,705,203 INFO [org.wildfly.extension.undertow] (ServerService Thread Pool -- 64) WFLYUT0021: Registered web context: '/'xml-wildemo' for server 'default-server'
15:19:29,705,293 INFO [org.jboss.as.server] (DeploymentScanner-threads - 2) WFLYSRV0010: Deployed "xml-wildemo.war" (runtime-name : "xml-wildemo.war")
```