K .J.Somaiya Polytechnic, Mumbai-77

Batch No:C1

Enrollment No.: FCOW19118

Experiment No:16

Experiment Name: Build and run a simple Servlet application.

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Objective
O18RA63.3. Build simple servlet application & perform database connectivity using JDBC.

Implementation :

Html file

```
<html>
<body>

<form action="calculate" method="post">
Enter your number<input type="text" name="num"><br>

<input type="submit" value="calculate">
</body>
</html>
```

Demo.java

```java
import javax.servlet.*;
import java.io.*;
public class Demo extends GenericServlet{
public void service(ServletRequest req,ServletResponse res)throws
ServletException,IOException
{
res.setContentType("text/html");
PrintWriter pw=res.getWriter();
String number=req.getParameter("num");
int n=Integer.parseInt(number);
int r1=n*n;
int r2=n*n*n;
pw.println("Square of number is "+r1);
pw.println("Cube of number is "+r2);
}
```
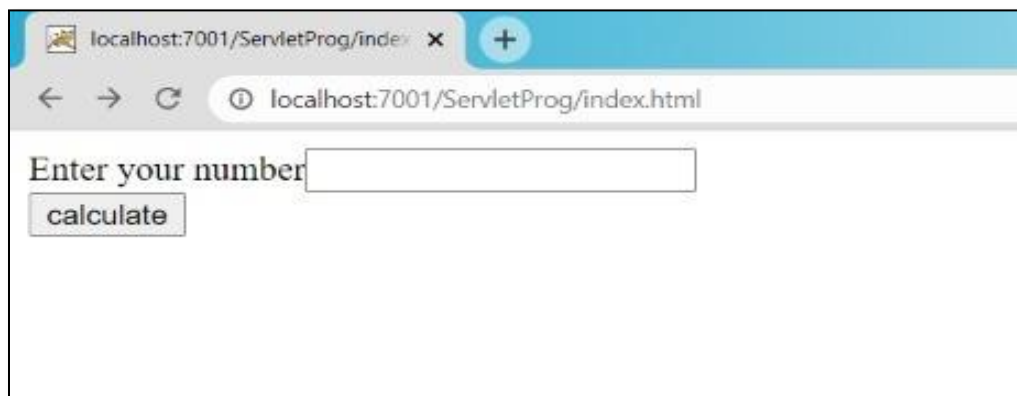
```
}
```

Web.xml
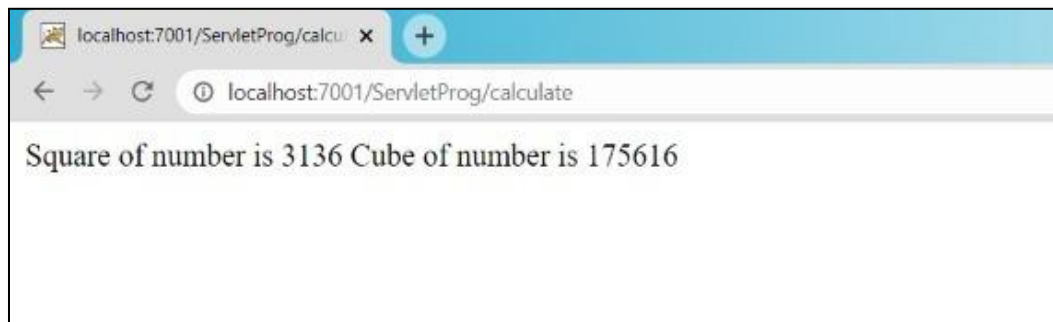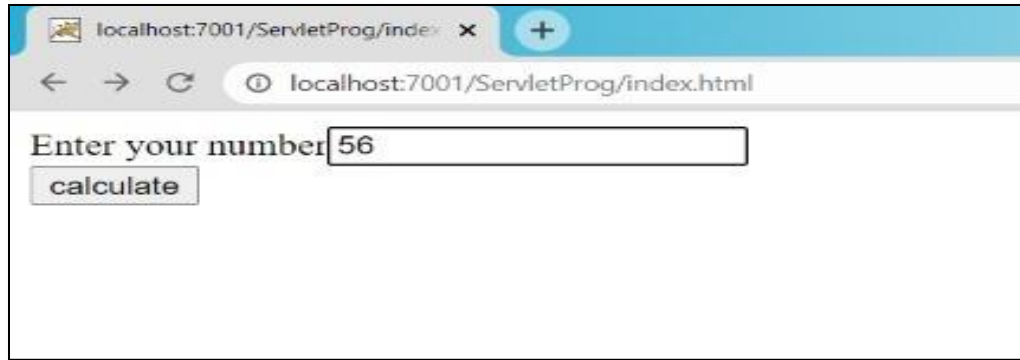
```
<web-app>

<servlet>
<servlet-name>Demo</servlet-name>
<servlet-class>Demo</servlet-class>
</servlet>

<servlet-mapping>
<servlet-name>Demo</servlet-name>
<url-pattern>/calculate</url-pattern>
</servlet-mapping>

</web-app>
```

Output:

Conclusion- Thus, we have implemented a simple servlet application.