

S1: folder and files

C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps>mkdir p6_evenodd

C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps>cd p6_evenodd

C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps\p6_evenodd>notepad
index.jsp

S2: coding

```
<html>
  <head>
    <title> Even Odd App 1 </title>
    <style>
      * { font-size:60px; }
      body { background-color:lightblue; }
    </style>
  </head>
  <body>
    <center>
      <h1> Even Odd App </h1>
      <form>
        <input type="number" name="num" placeholder="enter an integer" required
/>

        <br><br>
        <input type="submit" value="Find Even/Odd" name="btn" />
      </form>
      <%
        if (request.getParameter("btn") != null )
        {
          String txt = request.getParameter("num");
          int num = Integer.parseInt(txt);
          String res = num % 2 == 0 ? "even" : "odd";
          out.println(res);
        }
      %>
    </center>
  </body>
</html>
```

S3: run

http://localhost:8080/p5_evenodd/

S1: folder and files

C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps>mkdir p6_evenodd

C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps>cd p6_evenodd

C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps\p6_evenodd>notepad
index.jsp

S2: coding

```
<html>
  <head>
    <title> Even Odd App 1 </title>
    <style>
      * { font-size:60px; }
      body { background-color:lightblue; }
    </style>
    <script>
      function check()
      {
        let num = document.getElementById("num");
        let ans = document.getElementById("ans");
        if (num.value == "")
        {
          alert("empty input");
          num.focus();
          ans.innerHTML = "";
          return false;
        }
        else
        {
          return true;
        }
      }
    </script>
  </head>
```

```
<body>
<center>
    <h1> Even Odd App </h1>
    <form onsubmit="return check()">
        <input type="number" name="num" placeholder="enter an integer"
id="num" />
        <br><br>
        <input type="submit" value="Find Even/Odd" name="btn" />
    </form>
    <%
        if (request.getParameter("btn") != null )
        {
            String txt = request.getParameter("num");
            int num = Integer.parseInt(txt);
            String res = num % 2 == 0 ? "even" : "odd";
        }
    %>
    <h1 id="ans"> <%= res %> </h1>
    <%
    %>
</center>
</body>
</html>
```

S3: run

http://localhost:8080/p6_evenodd/