

### Step 1: create project directory and file

```
C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps>mkdir p11_toppings_app
C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps>cd p11_toppings_app
C:\Program Files\Apache Software Foundation\Tomcat 9.0\webapps\p11_toppings_app>notepad index.jsp
```

### Step 2: write the code for index.jsp

```
<html>
  <head>
    <title>
      Toppings You Like App by Kamal Sir
    </title>
    <style>
      * { font-size: 40px;      font-family: Arial;      text-align:center;      margin:auto; }
      body { background-color: lightyellow; }
      h1 { margin-top: 2%; margin-bottom:2%; }
      .btn { width:20%;      border-radius:30px; }
      .btn:hover { color: red;      background-color:white; }
    </style>
    <script>
      function check()
      {
        let name = document.getElementById("id_name");
        let msg = document.getElementById("id_msg");

        if (name.value === "")
        {
          alert("name cannot be empty ");
          name.focus();
          msg.innerHTML = "";
          return false;
        }
        else if (name.value.trim() === "")
        {
          alert("name cannot be blank spaces");
          name.value = "";
          name.focus();
          msg.innerHTML = "";
          return false;
        }
        else if (! name.value.match(/^[A-Za-z ]+$/))
        {
          alert("name shud contain only alphabets");
          name.value = "";
          msg.innerHTML = "";
          name.focus();
          return false;
        }
        else
        {

```



```

        return true;
    }
}
</script>
</head>
<body>
    <h1> Toppings You Like App by Kamal Sir </h1>
    <form onsubmit="return check()">
        <input type="text"          name="name"          id="id_name"
        placeholder="enter name" />
        <br/><br/>
        <input type="checkbox" name="onion"/> Onion
        <input type="checkbox" name="tomato"/> Tomato
        <input type="checkbox" name="cheese"/> Cheese
        <input type="checkbox" name="olives"/> Olives
        <br/><br/>
        <input type="submit"      name="btn"      class="btn"      />
    </form>

    <%
        if (request.getParameter("btn") != null)
        {
            String name = request.getParameter("name");
            String toppings = "";
            if (request.getParameter("onion") != null)           toppings += " Onions ";
            if (request.getParameter("tomato") != null)           toppings += " Tomato ";
            if (request.getParameter("cheese") != null)           toppings += " Cheese ";
            if (request.getParameter("olives") != null)           toppings += " Olive ";

            String ans = "name = " + name + " toppings = " + toppings;
        }
    %>
    <h2 id="id_msg">      <%=      ans %></h2>
    <%
    %>
    </body>
</html>

```