

## Prompt

I want to make task an interactive task checklist. The title is called Task Checklist.

Put a banner below the title. The banner starts at 0%. A certain % of it changes to royal blue after each checkbox has been selected. This amount will depend on how many tasks there are eg if there were 10 tasks then it would move by 10% when the checkbox was clicked. If a box is unchecked the progress bar should decrease by the same percentage when you uncheck a previously checked checkbox. Can you have the progress bar inside a container that has a black border and white background and is set to 90% width.

Please indicate the % progress by having it below the banner in the centre and have a 10px padding all round.

Underneath this I want a table with two headings - 'Task to do' in Column 1 and 'Completed?' in Column 2. Column 1 should have a width of 40% and column 2 should have a width of 20%

At the bottom of the page I want a button called Enter Task. When you click on it, a pop-up Input box appears. You then enter your task. The check boxes should be size 30 px square. You can use the Input box to enter as many tasks as you want. The tasks must be draggable. You MUST be able to drag the tasks into a new position once they have been added to the table.

Put the Enter Task button as size 14 pt Tahoma font. The Enter Task and Reset button should go below the table and have a 10px padding around it. Please put it on the same line and next to the Reset button but on the left hand side.

Don't use the <li> html code, just put them under each other. A pop-up message appears AFTER you get 100% saying 'Well done, you have done all the items on the list'. Please don't reset the checkboxes when you click OK from the pop-up message.

Can you make sure the list does not reset if the user leaves the page. Can you make sure the checkboxes also remain ticked after you leave so the user knows what still needs to be done. Finally. If the user gets 100% can you delete the local storage and put everything back to the start and uncheck all the checkboxes when the user EXITS the web page.

It needs to start on everything unchecked.

Only reset back to 0% if the user opens it again and has scored 100%. if the user has never opened it, start on 0%. Keep the progress the user has made up to 95% when they exit the file. If the user has scored 100% and closes the page, the next time they open it, the progress should go back to 0% and all the checkboxes are unchecked. Can you include a Reset button at the bottom left with the same font style and size. It should reset everything back to 0% progress and uncheck all the boxes Please use Tahoma Size 14 font for the main text and a title of size 24 pt and Blue. Make the item ids tahoma size 14pt. please.

You must put all the code on one page. html css and Javascript. Dont separate it.

## Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Task Checklist</title>
  <style>
    body {
      font-family: Tahoma, sans-serif;
      font-size: 12pt;
      line-height: 1.3;
    }
    h1 {
      font-size: 18pt;
      color: blue;
      text-align: center;
    }
    .instructions {
      width: 90%;
      margin: 0 auto;
      padding: 10px;
      background-color: white;
      text-align: justify;
    }
    .container {
      width: 90%;
      margin: 0 auto;
      border: 1px solid black;
      padding: 10px;
      background-color: white;
    }
    .progress-bar {
      width: 100%;
      background-color: #f3f3f3;
      border: 1px solid black;
    }
    .progress-bar-inner {
      height: 20px;
      width: 0%;
      background-color: royalblue;
    }
    .progress-percentage {
      text-align: center;
      padding: 10px;
    }
    table {
      width: 100%;
      margin-top: 20px;
    }
    th {
      text-align: left;
    }
  </style>
</head>
<body>
  <h1>Task Checklist</h1>
  <div class="instructions">
    <ol>
      <li>1. Open the browser</li>
      <li>2. Enter the URL</li>
      <li>3. Press the Enter key</li>
      <li>4. The browser will display the task checklist</li>
    </ol>
  </div>
  <div class="container">
    <div class="progress-bar">
      <div class="progress-bar-inner">
        <div class="progress-percentage">
          <table border="1">
            <thead>
              <tr>
                <th>Task</th>
                <th>Status</th>
            </thead>
            <tbody>
              <tr>
                <td>Task 1</td>
                <td>Completed</td>
              </tr>
              <tr>
                <td>Task 2</td>
                <td>In Progress</td>
              </tr>
              <tr>
                <td>Task 3</td>
                <td>Not Started</td>
              </tr>
            </tbody>
          </table>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

```

th, td {
  padding: 10px;
}
.task-row {
  cursor: move;
}
.buttons {
  display: flex;
  justify-content: space-between;
  margin-top: 20px;
}
.buttons button {
  font-size: 12pt;
  font-family: Tahoma, sans-serif;
  padding: 10px;
}
</style>
</head>
<body>
  <h1>Task Checklist</h1>
  <div class="instructions">Press the <b>Enter Task</b> button and type in your task. Press
  <b>OK</b> to add it to the table. Once the tasks are in the table, you can re-order them by
  dragging up and down. When you complete a task, click the checkbox and the progress bar will
  alter. Your computer will remember where you left off when you return to the task. Press
  <b>Reset</b> to clear the table and start again.</div>
  <div class="container">
    <div class="progress-bar">
      <div class="progress-bar-inner"></div>
    </div>
    <div class="progress-percentage">0%</div>
    <table>
      <thead>
        <tr>
          <th style="width: 40%;">Task to do</th>
          <th style="width: 20%;">Completed?</th>
        </tr>
      </thead>
      <tbody id="task-list">
        <!-- Tasks will be added here -->
      </tbody>
    </table>
    <div class="buttons">
      <button id="enter-task">Enter Task</button>
      <button id="reset">Reset</button>
    </div>
  </div>

  <script>
    document.addEventListener('DOMContentLoaded', function () {
      const taskList = document.getElementById('task-list');
      const progressBarInner = document.querySelector('.progress-bar-inner');
      const progressPercentage = document.querySelector('.progress-percentage');
      const enterTaskButton = document.getElementById('enter-task');
      const resetButton = document.getElementById('reset');

```

```

let tasks = JSON.parse(localStorage.getItem('tasks')) || [];
let progress = 0;

function updateProgress() {
  const completedTasks = tasks.filter(task => task.completed).length;
  const totalTasks = tasks.length;
  progress = totalTasks ? (completedTasks / totalTasks) * 100 : 0;
  progressBarInner.style.width = `${progress}%`;
  progressPercentage.textContent = `${Math.round(progress)}%`;
  if (progress === 100) {
    setTimeout(() => {
      alert('Well done, you have done all the items on the list!');
    }, 100);
  }
}

function saveTasks() {
  localStorage.setItem('tasks', JSON.stringify(tasks));
}

function loadTasks() {
  taskList.innerHTML = "";
  tasks.forEach((task, index) => {
    const row = document.createElement('tr');
    row.className = 'task-row';
    row.draggable = true;

    const taskCell = document.createElement('td');
    taskCell.textContent = task.name;
    taskCell.style.fontSize = '14pt';

    const completedCell = document.createElement('td');
    const checkbox = document.createElement('input');
    checkbox.type = 'checkbox';
    checkbox.checked = task.completed;
    checkbox.style.width = '30px';
    checkbox.style.height = '30px';

    checkbox.addEventListener('change', () => {
      task.completed = checkbox.checked;
      saveTasks();
      updateProgress();
    });

    completedCell.appendChild(checkbox);

    row.appendChild(taskCell);
    row.appendChild(completedCell);
    taskList.appendChild(row);

    row.addEventListener('dragstart', (e) => {
      e.dataTransfer.setData('text/plain', index);
    });
  });
}

```

```

    row.addEventListener('dragover', (e) => {
      e.preventDefault();
    });

    row.addEventListener('drop', (e) => {
      const draggedIndex = e.dataTransfer.getData('text/plain');
      const targetIndex = index;
      const draggedTask = tasks[draggedIndex];
      tasks.splice(draggedIndex, 1);
      tasks.splice(targetIndex, 0, draggedTask);
      saveTasks();
      loadTasks();
    });
  });
}

enterTaskButton.addEventListener('click', () => {
  const taskName = prompt('Enter your task:');
  if (taskName) {
    tasks.push({ name: taskName, completed: false });
    saveTasks();
    loadTasks();
    updateProgress();
  }
});

resetButton.addEventListener('click', () => {
  tasks = [];
  saveTasks();
  loadTasks();
  updateProgress();
});

window.addEventListener('beforeunload', () => {
  if (progress === 100) {
    localStorage.removeItem('tasks');
  }
});

loadTasks();
updateProgress();
});
</script>
</body>
</html>

```