

TODO List HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Document</title>

  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.
3.1/css/bootstrap.min.css" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin=
"anonymous">
  <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" integrity="sha384-
q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin=
"anonymous"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/pop
per.min.js" integrity="sha384-
U02eT0CpHqdSJQ6hJty5KVphtPhzWj9W01cllHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin=
"anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap
.min.js" integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin=
"anonymous"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.2/js/all.js"></script>

  <script src="script.js"></script>
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <div class="container">
    <h1 align="center">Todo List</h1>

    <div class="row">
      <!-- Input box -->
      <div class="col-md-7">

        <div class="form-group">
          <label for="inpNewTask">New Task</label>
          <input type="text" class="form-control" id="inpNewTask"
            aria-describedby="newTaskHelp"
            placeholder="Enter the name of the task">
        </div>
      </div>
    </div>
  </div>
</body>
```

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        <small id="newTaskHelp" class="form-text text-
muted">A short one line description of your task</small>
    </div>
</div>

<!-- Buttons -->
<div class="col-md-5">
    <div class="row">
        <div class="col-6 col-sm-3 col-md-6 p-1">
            <button class="btn btn-success col" disabled id="btnAdd">
                <i class="fas fa-plus-square"></i> Add
            </button>
        </div>
        <div class="col-6 col-sm-3 col-md-6 p-1">
            <button class="btn btn-danger col" disabled id="btnReset">
                <i class="fas fa-backspace"></i> Reset
            </button>
        </div>
        <div class="col-6 col-sm-3 col-md-6 p-1">
            <button class="btn btn-info col" disabled id="btnSort">
                <i class="fas fa-sort-amount-down"></i> Sort
            </button>
        </div>
        <div class="col-6 col-sm-3 col-md-6 p-1">
            <button class="btn btn-warning col" disabled id="btnCleanup">
                <i class="fas fa-trash-alt"></i> Cleanup
            </button>
        </div>
    </div>
</div>

</div>
</div>

<!-- Task List -->

<ul class="row list-group m-2" id="ulTasks">
</ul>

<div class="row">
    <button id="clearall" class="btn btn-danger col-12">Clear List</button>
</div>
<div class="row">
    <div class="btn btn-dark col-12 m-2">
        <i class="fab fa-github fa-2x link"></i>
        <a href="https://github.com/kartikeya72001/Notes" class="link">Link To
Code</a>
    </div>
</div>

```

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</div>
</body>
</html>
```

CSS

```
#ulTasks li.done {
  color: #6c757d;
  text-decoration: line-through;
}
.link{
  color: white;
}
```

JavaScript

```
let taskList = []
let Removed = []

$(() => {

  //Refresh List
  function RefreshList() {
    ulTasks.html("");
    for (let task of taskList) {
      // console.log(task)
      let listItem = $('<li>', {
        'class': 'list-group-item',
        text: task
      })
      // console.log(listItem.text())
      listItem.click(() => {
        listItem.toggleClass('done')
        if(taskList.indexOf(listItem.text())+1){
          Removed.push(listItem.text())
          let idx =taskList.indexOf(listItem.text())
          taskList.splice(idx,1)
        }else{
          taskList.push(listItem.text())
          let idx =Removed.indexOf(listItem.text())
          Removed.splice(idx,1)
        }
      })
      ulTasks.append(listItem)
    }
  }
})
```

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        inpNewTask.val('')
        toggleInputButtons()
    }
}

//add function
function addItem(){
    taskList.push(inpNewTask.val())
    RefreshList()
    localStorage.task = taskList.join(',')
}

//clearing list
function deleteAll() {
    taskList.splice(0, taskList.length)
    Removed.splice(0, Removed.length)
    RefreshList()
    localStorage.removeItem("task")
}

//clear function for removing striked data
function clearDone() {
    $('#ulTasks .done').remove()
    Removed.splice(0, Removed.length)
    localStorage.task = taskList.join(',')
    RefreshList()
    toggleInputButtons()
}

//sepreting done and not done task
function sortTasks() {
    $('#ulTasks .done').appendTo(ulTasks)
}

//designing btns
function toggleInputButtons() {
    btnReset.prop('disabled', inpNewTask.val() == '')
    btnAdd.prop('disabled', inpNewTask.val() == '')
    btnSort.prop('disabled', ulTasks.children().length < 1)
    btnCleanup.prop('disabled', ulTasks.children().length < 1)
}

//getting elements
let ulTasks = $('#ulTasks')
let btnAdd = $('#btnAdd')
let btnReset = $('#btnReset')
let btnSort = $('#btnSort')
let btnCleanup = $('#btnCleanup')

```

```

let inpNewTask = $('#inpNewTask')
let clearall = $('#clearall')

//handling enter key
inpNewTask.keypress((e) => {
  if (e.which == 13) addItem()
})
inpNewTask.on('input', toggleInputButtons)

//handling already existing elements
if (localStorage.task) {
  taskList = localStorage.task.split(',')
}
RefreshList()

//handling clicks on custom btns
btnAdd.click(addItem)
btnReset.click(() => {
  inpNewTask.val('')
  toggleInputButtons()
})
btnCleanup.click(clearDone)
btnSort.click(sortTasks)
clearall.click(deleteAll)
})

```

Todo List

New Task

A short one line description of your task

 Add

 Reset

 Sort

 Cleanup

Complete Web Page

Practice for DBMS

~~Update Windows~~

Clear Text

Cancel Bookings

Clear List



Link To Code