

to do

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>ToDo List</title>
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min
.css">
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="container">
    <header>
      <div class="header">
        <h2> ToDo List </h2>
      </div>
      <div class="new-todo">
        <form id="todoform">
          <input type="text" name="newtodo" id="newtodo"
placeholder="Enter your task...">
          <button type="submit">
            <i class="fa-solid fa-square-plus"></i>
          </button>
        </form>
      </div>
    </header>
    <div id="todos-list">
      <!-- <div class="todo" id="0">
        <i class="fa-regular fa-circle"></i>
        <i class="fa-regular fa-circle-check"></i>
        <p class="checked">sid wants milk</p>
        <i class="fa-solid fa-pen-to-square"></i>
        <i class="fa-solid fa-trash"></i>
      </div> -->
    </div>
    <div class="notification"></div>
  </div>
  <script src="script.js"></script>
</body>
</html> //html code
```

```
@import
url('https://fonts.googleapis.com/css2?family=Ubuntu&display=swap');
```

```
:root {
  --container-height: 600px;
  --container-width: 400px;
  --header-height: 150px;
}
```

```
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
  font-family: 'Ubuntu', monospace;
}
```

```
html {
  font-size: 20px;
}
```

```
body
{
```

```
  width: 100vw;
  height: 100vh;
  display: flex;
  align-items:center;
  justify-content: center;
  background-image:url(./lights.jpg) ;
```

to do

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}  
  
.container {  
  background-color: rgb(236, 149, 36);  
  width: var(--container-width);  
  height: var(--container-height);  
  
  position: relative;  
  overflow: hidden;  
}  
header {  
  width: 100%;  
  height: var(--header-height);  
  background-image: url('./mounts.jpeg');  
  background-size: cover;  
  border-radius: 5px 5px 0 0;  
}  
.header {  
  width: 100%;  
  height: 100px;  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  color: #fff;  
}  
.new-todo {  
  width: 100%;  
  height: 50px;  
  padding: 0.25rem 0;  
}  
.new-todo form {  
  display: flex;  
  align-items: center;  
}  
.new-todo form input {  
  flex: 1;  
  height: 40px;  
  background-color: transparent;  
  border: none;  
  border-right: 0px;  
  outline: transparent;  
  padding-left: 0.5rem;  
  font-size: 1rem;  
  color: #eee7e7;  
}  
.new-todo form button {  
  width: 60px;  
  height: 40px;  
  font-size: 1rem;  
  background-color: transparent;  
  color: rgb(250, 250, 243);  
  border: none;  
  border-left: 0px;  
  cursor: pointer;  
}  
.new-todo form button:hover {  
  text-shadow: 1px 1px 20px rgba(0, 0, 0, 0.8);  
}  
  
#todos-list {  
  height: calc(var(--container-height) - var(--header-height));  
  background-color: #a2e7d7;  
  padding: 0.5rem;  
  border: 1px solid rgb(219, 219, 219);  
  overflow: scroll;  
  border-radius: 0 0 5px 5px;  
}  
  
#todos-list .todo {  
  display: flex;  
  align-items: center;
```

to do

```
padding: 0.75rem 0.5rem;
border-radius: 5px;
}
#todos-list .todo:hover {
  background-color: rgba(0, 0, 0, 0.1);
}
#todos-list .todo * {
  cursor: pointer;
  margin-right: 0.5rem;
}
#todos-list .todo i {
  font-size: 0.9rem;
}
#todos-list .todo p {
  flex: 1;
  word-break: break-all;
}
.checked {
  text-decoration: line-through;
  color: grey;
}
#todos-list .todo .bi-pencil-square {
  color: rgb(31, 177, 48);
}
#todos-list .todo .bi-trash {
  color: rgb(236, 82, 82);
  margin: 0;
}

.notification {
  position: absolute;

  width: calc(3 * var(--container-width) / 4);
  height: 60px;

  display: flex;
  justify-content: center;
  align-items: center;

  opacity: 0.9;

  border-radius: 8px;
  background-color: rgb(233, 81, 81);
  top: 10px;
  right: calc(-3 * var(--container-width) / 4);

  color: #fff;

  transition: 300ms right ease-in-out;
}

.notif-enter {
  right: 10px;
}
//css

//element select cheskundam dewdssssss
const form = document.getElementById('todoform');
const todoInput = document.getElementById('newtodo');
const todosListElements = document.getElementById('todos-list');
const notificationElement = document.querySelector('.notification');

//vars here
let todos = JSON.parse(localStorage.getItem('todos')) || [];
let EditTodoId = -1;

//fst render
rendertodos();

//form submission boltheyy dewdsss
form.addEventListener('submit', function(event){
  event.preventDefault();
```

to do

```
    saveTodo();
    rendertodos();
    localStorage.setItem('todos',JSON.stringify(todos))
  });

//saving Todo functions
function saveTodo() {
  const todovalue = todoInput.value;

  //what if its empty
  const isEmpty = todovalue === '';

  //duplicate wahase hatoo
  const isDuplicate = todos.some((todo) => todo.value.toUpperCase() ===
  todovalue.toUpperCase());

  if(isEmpty){
    shownotification("your input is empty"); // alert place lo
    shownotification attribute use
  } else if(isDuplicate){
    shownotification('you entered the same values dewdss');
  } else{
    if(EditTodoId >= 0 ){
      todos = todos.map((todo , index) => ({
        ...todo,
        value : index === EditTodoId ? todovalue : todo.value,
      }));
      EditTodoId = -1;
    } else {
      todos.push({
        value : todovalue,
        checked : false,
        color:'#' + Math.floor(Math.random()*16777215).toString(16),
      });
    }

    todoInput.value = '';
  } }

//render todossssssss
function rendertodos(){
  if(todos.length === 0){
    todosListElements.innerHTML = '<center> NOTHING TODO.....
</center>'
    return
  }
  //clearing rerender elemnts
  todosListElements.innerHTML = '';

  //rendering todo
  todos.forEach((todo,index) => {
    todosListElements.innerHTML +=
    <div class="todo" id=${index}>
      <i
        class="fa-regular ${todo.checked? 'fa-circle-check' :
'fa-circle'}" style = "color : ${todo.color}"
        data-action="check"
      ></i>
      <p class="${todo.checked? 'checked' : ''}"
" data-action="check">${todo.value}</p>
      <i class="fa-solid fa-pen-to-square" data-action="edit"></i>
      <i class="fa-solid fa-trash" data-action="delete"></i>
    </div>
    ;
  } ) ;
}

//all in one todo listernerssssss
```



```

    todosListElements.addEventListener('click', (event) => {
      const target = event.target;
      const parentElement = target.parentNode;

      if (parentElement.className !== 'todo') return;

      //todo id
      const todo = parentElement;
      const todoId = Number(todo.id);

      //target action
      const action = target.dataset.action;

      action === "check" && checkTodo(todoId);
      action === "edit" && editTodo(todoId);
      action === "delete" && deleteTodo(todoId);
    });
    //checking todo
    function checkTodo(todoId) {
      todos = todos.map((todo, index) =>
        ({
          ...todo,
          checked: index === todoId ? !todo.checked : todo.checked,
        }));

      rendertodos();
      localStorage.setItem('todos', JSON.stringify(todos))
    }

    //edit the todo
    function editTodo(todoId) {
      todoInput.value = todos[todoId].value;
      EditTodoId = todoId;
    }

    //deleting todo
    function deleteTodo(todoId) {
      todos = todos.filter((todo, index) => index !== todoId);
      EditTodoId = -1;
    }

    //then it shd rerender
    rendertodos();
    localStorage.setItem('todos', JSON.stringify(todos))
  }

  //enable notifications
  function shownotification(msg) {
    //change the message
    notificationElement.innerHTML = msg;

    //presence of notification
    notificationElement.classList.add('notif-enter');

    //end of notification
    setTimeout(() => {
      notificationElement.classList.remove('notif-enter')
    }, 2000)
  } //js script

```