WEEK 6: MINI PROJECT

//Task.js

```
import React from "react";
function Task({ task, removeTask, selectTask }) {
const handleRemove = () => {
removeTask(task.id);
};
const handleSelect = () => {
selectTask(task);
};
return (
<div>
<h3>{task.title}</h3>

<p>{task.description}</p>
<button onClick={handleRemove}>Delete</button>
<button onClick={handleSelect}>Edit</button>
</div>
);
}
export default Task;
```

//TaskList.js

```
import React from "react";
import Task from "./Task";
function TaskList({ tasks, removeTask, selectTask }) {
return (
<div>
<h2>Task List</h2>
{tasks.map((task) => (
<Task
key={task.id}
task={task}
removeTask={removeTask}
selectTask={selectTask}
/>
))}
</div>
);
}
export default TaskList;
```

//AddForm.js

```
import React, { useState } from "react";
```

```
function AddForm({ addTask }) {
const [title, setTitle] = useState("");
const [description, setDescription] = useState("");
const handleSubmit = (e) => {
e.preventDefault();
const task = {
id: Math.floor(Math.random() * 10000),
title,
description,
};
addTask(task);
setTitle("");
setDescription("");
};
return (
<div>
<h2>Add Task</h2>
<form onSubmit={handleSubmit}>
<label>
Title:
<input
type="text"
value={title}
onChange={(e) => setTitle(e.target.value)}
/>
</label>

<br />
<label>
Description:
<textarea
value={description}
onChange={(e) => setDescription(e.target.value)}
/>
</label>
<br />
<button type="submit">Add</button>
</form>
</div>
);
}
export default AddForm;
```

//UpdateForm.js

```
import React, { useState, useEffect } from "react";
function UpdateTask({ selectedTask, updateTask, setSelectedTask }) {
const [title, setTitle] = useState("");
const [description, setDescription] = useState("");
useEffect(() => {
setTitle(selectedTask.title);
setDescription(selectedTask.description);
}, [selectedTask]);
const handleSubmit = (e) => {
e.preventDefault();
const updatedTask = {
id: selectedTask.id,
title,
description,
};
updateTask(selectedTask.id, updatedTask);
setSelectedTask(null);
};
return (
<div>
<h2>Update Task</h2>

<form onSubmit={handleSubmit}>
<label>
Title:
<input
type="text"
value={title}
onChange={(e) => setTitle(e.target.value)}
/>
</label>
<br />
<label>
Description:
<textarea
value={description}
onChange={(e) => setDescription(e.target.value)}
/>
</label>
<br />
<button type="submit">Update</button>
<button onClick={() => setSelectedTask(null)}>Cancel</button>
</form>
</div>
);
}
export default UpdateTask;
```