

## 22. Clearing form fields after submitting the form(two way binding)

- For this, we have used state variables
  - If our purpose is only to sustain the value of entered value event after components re-evaluation then we may have used global variables for storing the values
  - But clearing form fields can't be done using global variables
- We know that input tag in html has an 'value' attribute.

```
33     <form onSubmit={submitHandler}>
34       <div className='new-expense_controls'>
35         <div className="new-expense_control">
36           <label>Title</label>
37           <input type='text' value={enteredTitle} onChange={titleChangeHandler} />
38         </div>
39
40         <div className="new-expense_control">
```

○

- Now we are binding the value to enteredTitle

```
21     const submitHandler=(event)=>{
22       event.preventDefault();
23
24       const expenseData={
25         title:enteredTitle,
26         amount:enteredAmount,
27         date:new Date(enteredDate)
28       }
29       console.log(expenseData);
30       setEnteredTitle('');
31     }
32
33     return (
34       <form onSubmit={submitHandler}>
35         <div className='new-expense_controls'>
36           <div className="new-expense_control">
37             <label>Title</label>
38             <input type='text' value={enteredTitle} onChange={titleChangeHandler} />
39           </div>
```

○

- On the submithandler function we are changing the enteredTitle using state function(set) to set the enteredTitle to an empty string
- So after submitting the submithandler will be executed it will do all the tasks it is specified and at the last the entertitle will be set to an empty string so input field's default value also becomes an empty string

■

- Here initially we are binding the state variable to an empty string
- And then we are listening for an change event and we execute an handler function which binds the entered value in the input field to the state variable enteredTitle
  - Here enteredTitle is binded to the input field
- Now we set the value attribute of input field to the enteredTitle
  - Here input field is binded to the enteredTitle
- This is called two way binding

```

<form onSubmit={submitHandler}>
  <div className='new-expense__controls'>
    <div className="new-expense__control">
      <label>Title</label>
      <input type='text' value={enteredTitle} onChange={titleChangeHandler}>
    </div>

    <div className="new-expense__control">
      <label>Amount</label>
      <input type="number" value={enteredAmount} min="0.01" step="0.01" onChange={amountChangeHandler}>
    </div>

    <div className="new-expense__control">
      <label>Date</label>
      <input type="date" value={enteredDate} min="2020-01-01" max="2023-12-31" />
    </div>
  </div>

  <div className="new-expense__actions">
    <button type="submit">Add Expense</button>
  </div>
</form>

```

```

21   const submitHandler=(event)=>{
22     event.preventDefault();
23
24     const expenseData={
25       title:enteredTitle,
26       amount:enteredAmount,
27       date:new Date(enteredDate)
28     }
29     console.log(expenseData);
30     setEnteredTitle('');
31     setEnteredAmount('');
32     setEnteredDate('');
33   }

```