## 7. Props

- In the last lecture, we learnt how to pass an dynamic data to JSX so that it could be rendered in our app
- Recall our custom component

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Here we have created the custom component

- Here ExpenseItem is the component which is being used
- Which renders this



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- Here technically we have reused the component, but the data's residing in that components are same
- By using props we could render the dynamic data
- In app.js we have used our custom component, there we could pass the values
  - Before that let us have a array of objects which may be come from database later

```
src > Js App.js > 🔂 App > 🕑 expenses > 🔑 date
     function App() {
        {title:'Current Bill',
        amount:432,
        date:new Date(2022,3,23)},
       {title:'Gas Bill',
       amount:215,
        date:new Date(2022,3,28)},
        {title:'College Fees',
         amount:500,
         date:new Date(2022,3,3)},
         {\title:'Fuel Expense',
         amount:200,
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         date:new Date(2022,3,29)},
           <h2>Let's get started!</h2>
           <ExpenseItem></ExpenseItem>
           <ExpenseItem></ExpenseItem>
```

- We could pass this values by as we pass attributes in our html elements
  - Like this: <Expenseitem title=' 'date=' amount=' ''></ExpenseItem>

But before that we must make this component to allow to accept this values

This can be done using props

- In app.js while using the component expenseitem we have passed three attributes which will be converted into a single object containing all the attributes as a property, then this object will be passed to the function as a parameter
- Here we have named the parameter as props but actually we could use any name, but this is the common convention

Here we could access those attributes like this

