props object is used for transfer data from parent to child component

Props vs state

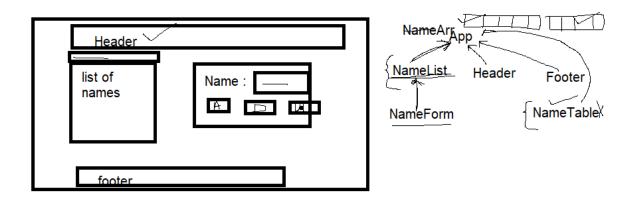
props	state
props are used to transfer data	It is used to store data within
from parent to child	component
props are read only	Value of state can be changes within component by using this.setState() method
props are used for parent to child and child to parent communication	state is used for components data, for internal usage

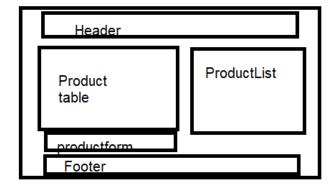
To transfer data from parent to child

<namelist arr="{searcharr}<br">val="23"></namelist>	Namelist is a component which will receive props object from parent.
	and props object has arr and val,
	to access searcharr stored in parent
	component, we can use props.arr in
	NameList component
	and props.val in NameList component
{props.arr.map(ob=> ob)}	convert every value from the array into
	li tag or tr tag, the use map function
To use textbox in a form	when we will change the value of text
Name: <input <="" td="" type="text"/> <td>box, onchange event will occur and</td>	box, onchange event will occur and
name="add" id="nm"	the changename function will be
value={name}	called, it will assign the new value to
	the variable name
onChange={changename}>	
//to assign the value from the	
textbox to name state variable	
const changename=(event)=>{	
setname(event.target.value)	
}	
,	

child to parent communication

```
NameForm
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
NameList.js
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
NameForm insertName(name)
<br/>
<br/>
<br/>
<br/>
<br/>
NameList.js
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
<br/>
NameForm insertName={addnewname} removeName={removetheName}></br/>
<br/>
```





App
Header Footer ProductTable ProductList
ProductForm