

Assignment Time! (25m)

React // Components - Part 2 - Loops

Array Prototype Functions

- `Array.forEach` *// Iterate over array and e.g send the data somewhere*
- `Array.map` *// Iterate and transform the original array*
- `Array.filter` *// Iterate and pick out the items that we want*
- `Array.reduce` *// Iterate and create a smaller array or sum things up*

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React // Components - Part 2 - Loops

```
{  
  "items": [  
    {  
      "id": 0,  
      "role": "Front-end Engineer",  
      "company": "kpn",  
      "location": "amsterdam",  
      "skills": ["VueJS", "Jenkins", "Robot", "Jest"],  
      "period": "05-2020 - Present"  
    },  
    ...  
  ]  
}
```

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    ...
  ]
}
```

React // Components - Part 2 - Loops

```
export default function Work(props) {  
  const { items } = props;  
  
  return items.map(job => {  
    const {id, role, company, location, skills, period} = job;  
  
    return (  
      <div className="feature job" key={id}>  
        <p><b>Role</b>: {role}</p>  
        <p>Company: {company}</p>  
        <p>Location: {location}</p>  
        <p>Skills: {skills}</p>  
        <p>Period: {period}</p>  
      </div>  
    )  
  });  
}
```

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      </div>  
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  });  
}
```


React // Components - Part 2 - Loops

```
<h2>Work experience</h2>
<section id="work" className="work">
  <Work
    items={work.items}
  />
</section>
```

Assignment // Create React Components

- Give the **education** and **hobbies** section the same treatment as the **work** component.
- Copy/paste the HTML and put it in the **/components/education.jsx**
- Make sure to create a **function**
- **Deconstruct** the properties that we want out of the props object
- Make sure to use the **.map** function // **items.map**
- **Import** your new component and pass the data in **App.js**