

## Lesson-5

### ✓ yarn package manager

- `npm i yarn --global` - install yarn globally
- `yarn add packageName` - install package
- `yarn remove packageName` - uninstall package

App.js

```
...  
<BrowserRouter>  
  <ToastContainer>  
    <Routes>  
      <Route path="/" element={}<LoginPage>}>  
      <Route path="/debts" element={}<Debts-  
        Page>}>  
      <Route path="/transaction" element={}<Transaction-  
        Page>}>  
    </Routes>  
  </BrowserRouter>  
...
```

### ✓ pages

LoginPage.jsx

DebtsPage.jsx

Transaction.jsx

→ dengan pagelara disebut *slamir*, Function componentda, rafce

✓ par



✓ pages

LoginPage.jsx

```
const LoginPage = () => {
```

```
  const [user, setUser] = useState({ username: '',  
                                       password: '', });
```

```
  const navigate = useNavigate();
```

```
  const submit = () => {
```

Saytmişa yangilanmay  
otishi

```
    e.preventDefault();
```

```
    if (user.username === 'abduloxiz' &&  
        user.password === '12345') {
```

```
      window.location = '/debts';
```

```
      navigate('/debts')
```

```
    } else {
```

```
      toast.error('Error');
```

```
    }
```

```
  };
```

```
const handleUser = (e) => {
```

```
  setUser({ ...user, [e.target.id]: e.target.value  
              });
```

```
};
```

```
return (
```

```
  <Form onSubmit={submit}>
```

```
    ...
```

```
    <Form.Control  
      onChange={handleUser}
```

```
    ...
```

```
  );
```

```
};
```



## DebtsPage.jsx

```
const [debts, setDebts] = useState ([
  { id: '0', name: 'Mamur', debt: 120,
    phone: '988770725' },
  { id: '1', name: 'Kurshid', debt: 1000, phone: '97634975' }
])
```

```
...
{ debts.map ((debt) => {
  < DebtsCard key = {debt, id} { debt }
}) }
```

## DebtsCard.jsx

```
const DebtsCard = ({ id, name, debt, phone }) =>
```

```
...
<h3> {name}</h3>
<p> {debt}</p>
<p> {phone}</p>
...
```

### • propTypes

npm i prop-types

```
import propTypes from 'prop-types';
```

...



DebtCard. propTypes = {

name: PropTypes.string,

phone: PropTypes.string,

debt: PropTypes.number,

id: PropTypes.string,

};