Front-End Development

PRIMEREACT

Favorite UI Framework for React

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- **PrimeReact** is a collection of rich user interface components for React. All widgets are open source and free to use under MIT License. PrimeReact is developed by PrimeTek Informatics, a vendor with years of expertise in developing open source UI solutions.

- For project news and updates, click *https://www.primefaces.org/primereact/#/*

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Setup #1

- On our React project, Install its package:

```
$ npm install primereact –save
```

- Almost every PrimeReact's main components need other dependencies:

```
$ npm install react-transition-group
$ npm install font-awesome
$ npm install classnames
```

- ***Note:*** for Charts & Gmaps component, it needs other 3rd party dependencies: Charts.js & Google Maps.

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Setup #2

- Then, import lines below & you're ready to go:

```
import
'primereact/resources/primereact.min.css';

import
'primereact/resources/themes/omega/theme.css';

import
'font-awesome/css/font-awesome.css';
```

- Available themes:

omega, cruze, cupertino, darkness, flick, home, kasper, lightness, ludvig, pepper-grinder, redmond, rocket, south-street, start, tronstatic, voclain

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Button #1

```
import {Button} from
'primereact/components/button/Button';

. . . . . .

<Button label="Login" icon="fa-facebook" />

<Button label="OK" icon="fa-check" iconPos="right"/>

<Button icon="fa-home" iconPos="right"/>

. . . . . .
```

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Button #2

```
import {Button} from
'primereact/components/button/Button';

. . . . . .
<Button label="Secondary" className="ui-button-secondary"/>
<Button label="Success" className="ui-button-success"/>
<Button label="Info" className="ui-button-info"/>
<Button label="Warning" className="ui-button-warning"/>
<Button label="Danger" className="ui-button-danger"/>
. . . . . .
```

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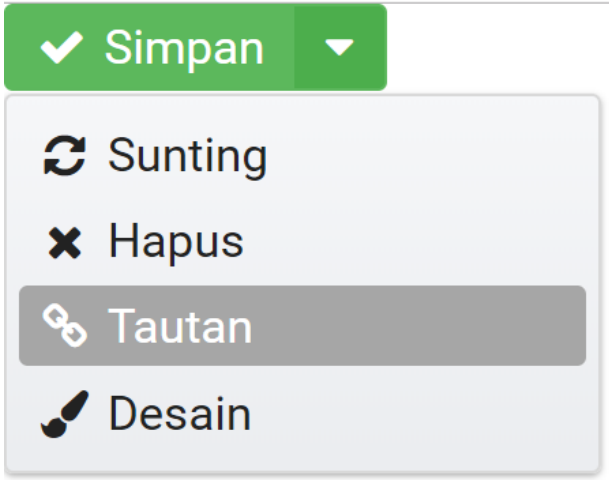
Split Button




```
import {SplitButton} from
'primereact/components/splitbutton/
SplitButton';

class App extends Component {
  render() {
    var items = [
      {label:'Sunting', icon:'fa-refresh', command: ()=>{}},
      {label:'Hapus', icon:'fa-close', command: ()=>{}},
      {label:'Tautan', icon:'fa-link', command: ()=>{}},
      {label:'Desain', icon:'fa-paint-brush', command: ()=>{}},
    ];
    return (
      <div>
        <SplitButton label="Simpan" icon="fa-check" model={items}
          className="ui-button-success"></SplitButton>
      </div>
  );
}}
```

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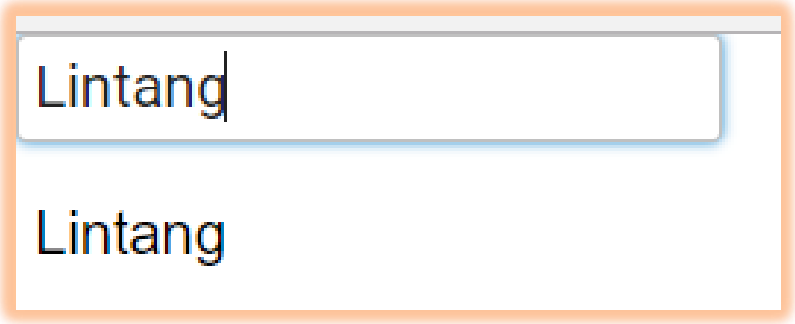
Input Text

```
import {InputText} from
'primereact/components/inputtext/InputText';

class App extends Component {
  constructor(){
    super();
    this.state={nama:''};
  }
  render() {
    return (
      <div>
        <InputText placeholder="Ketik nama Anda..."
        onChange={(x)=>this.setState({nama: x.target.value})}/>
        <p style={{marginLeft:'5px'}}>{this.state.nama}</p>
      </div>
    );
  }
}
```



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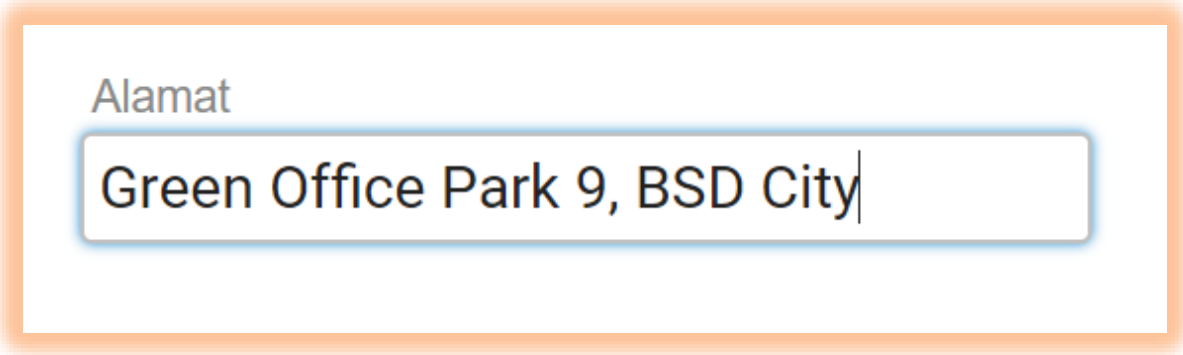
Input Text
#Floating Label

```
 . . . . . .
import {InputText} from
'primereact/components/inputtext/InputText';

class App extends Component {
 render() {
  return (
   <div style={{margin:'50px'}}>
    <span className="ui-float-label">
     <InputText id="float-input" type="text"
      size="30" />
     <label htmlFor="float-input">Alamat</label>
    </span>
   </div>
);}}
 . . . . . .
```

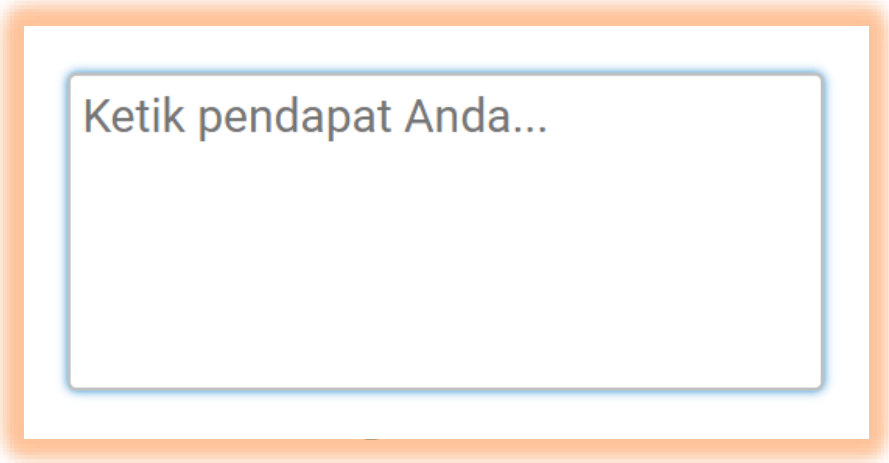


Text Area

```
  . . . . . .
import {InputTextarea} from
'primereact/components/inputtextarea/InputTextarea';

class App extends Component {
  render() {
    return (
      <div style={{margin:'50px'}}>
        <InputTextarea value={''} onChange={()=>{}}
         rows={5} cols={30} autoResize={true}
         placeholder={'Ketik pendapat Anda...'}>
        </InputTextarea>
      </div>
    );
  }
}

  . . . . . .
```

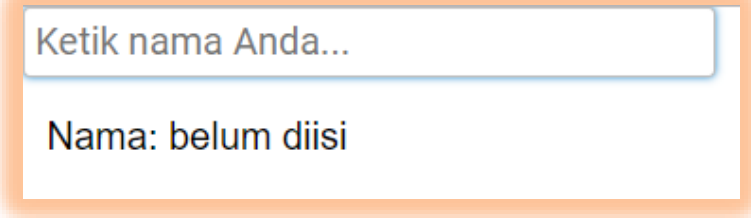


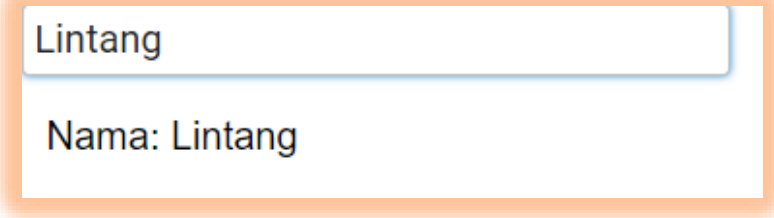
Auto Complete

```
import {AutoComplete} from
'primereact/components/autocomplete/AutoComplete';

class App extends Component {
  constructor(){
    super();
    this.state={nama:''};
  }
  render() {
    return (
      <div>
        <AutoComplete value={this.state.nama} field="name"
       size={30} placeholder="Ketik nama Anda..."
        onChange={(x) => this.setState({nama: x.value})} />

        <p style={{marginLeft:"10px"}}>
          Nama: {this.state.nama ? this.state.nama : "belum diisi"}
        </p>
      </div>
  );}}
```





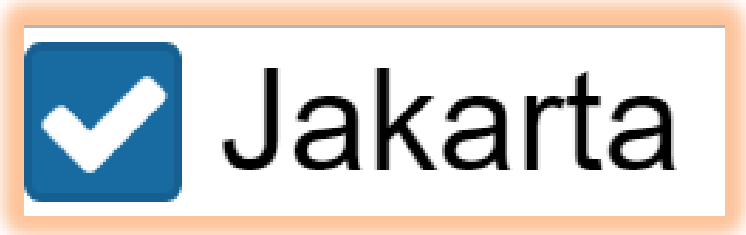
```
. . . . . .

import {Checkbox} from
'primereact/components/checkbox/Checkbox';

class App extends Component {
  constructor(){
    super();
    this.state={cek1:false};
  }
  render() {
    return (
     <div>
      <Checkbox inputId="cek1" value="Jakarta"
        onChange={()=>{
          this.setState({cek1:!this.state.cek1})}}
        checked={this.state.cek1}/>
      <label htmlFor="cek1"> Jakarta </label>
     </div>
    );
  }
}

. . . . . .
```

Checkbox



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Rating

```
import {Rating} from
'primereact/components/rating/Rating'

class App extends Component {
  constructor(){
    super();
    this.state={rating:0}
  }
  render() {
    return (
      <div>
        <h2>Rating Anda: {this.state.rating}</h2>
        <Rating value={this.state.rating} stars={10}
        onChange={(e) => this.setState({rating: e.value})}/>
      </div>
    );
  }
}
```

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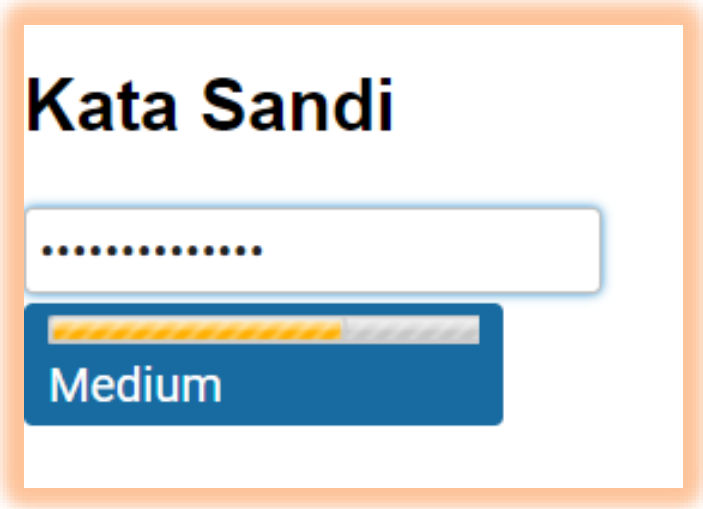
Password

```
 . . . . . .
import {Password} from
'primereact/components/password/Password';

class App extends Component {
  render() {
    return (
      <div>
        <h2>Kata Sandi</h2>
        <Password />
      </div>
    );
  }
}

 . . . . . .
```



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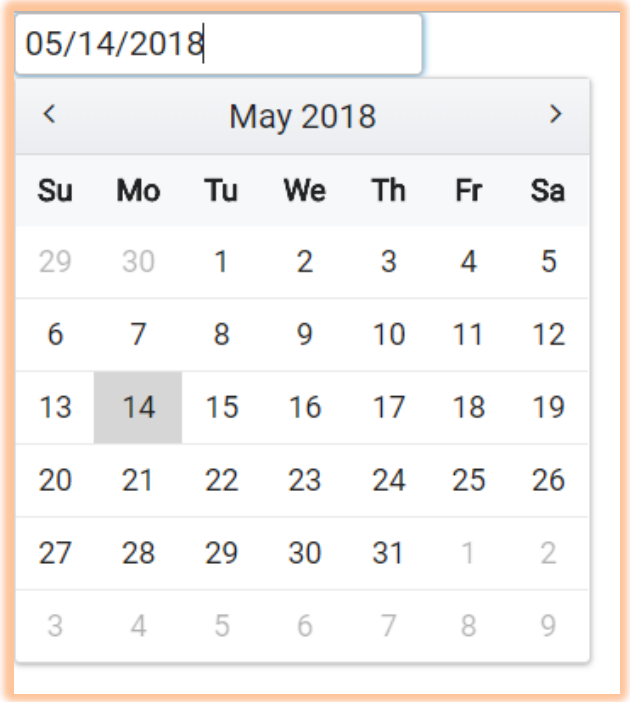
Calendar

```
. . . . . .

import {Calendar} from
'primereact/components/calendar/Calendar';

class App extends Component {
  render() {
    return (
      <div>
        <Calendar
          onChange={()=>{}}>
        </Calendar>
      </div>
    );
  }
}

. . . . . .
```



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FileUpload
#Basic

```
  . . . . . .

import {FileUpload} from
'primereact/components/fileupload/FileUpload';

  . . . . . .

<div style={{margin:'50px'}}>
  <FileUpload name="demo" url="./upload"
              multiple={true} accept="image/*"
              maxFileSize="1000000" mode="basic" />
</div>

  . . . . . .
```

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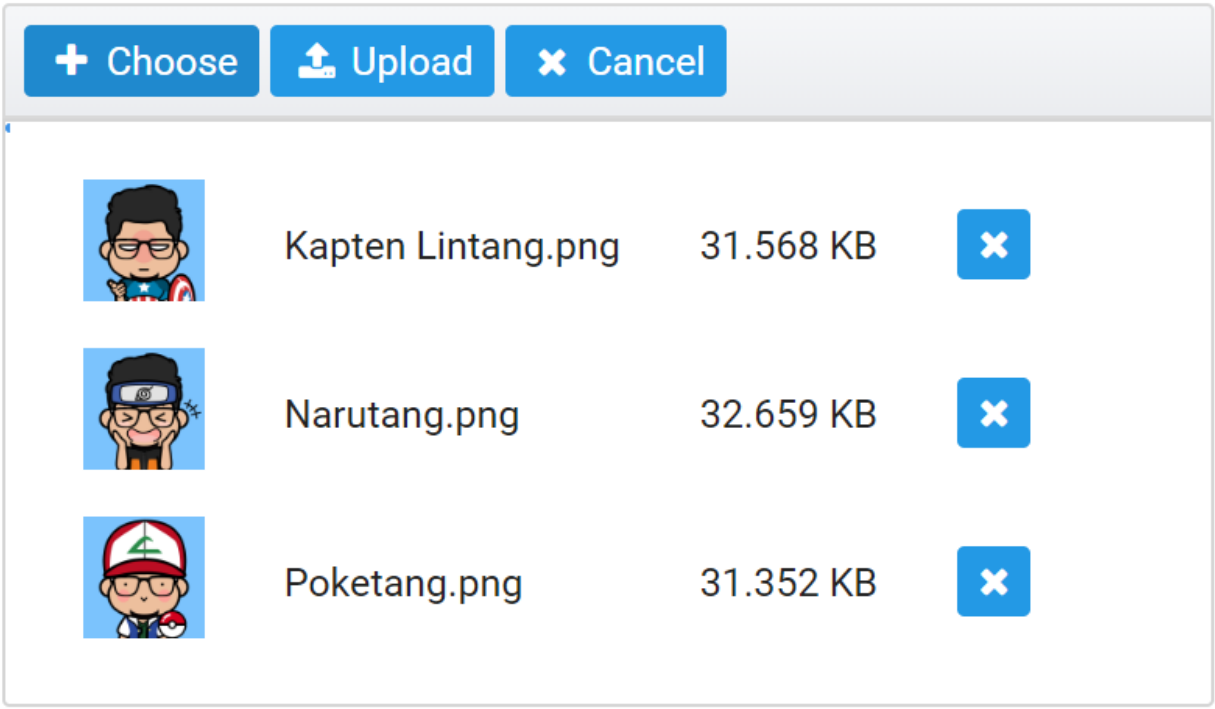
FileUpload
#Advanced

```
  . . . . . .
<div style={{margin:'50px'}}>
  <FileUpload name="demo" url="./upload"
              multiple={true} accept="image/*"
              maxFileSize="1000000"
              mode="advanced" onUpload={()=>{}} />
</div>
  . . . . . .
```



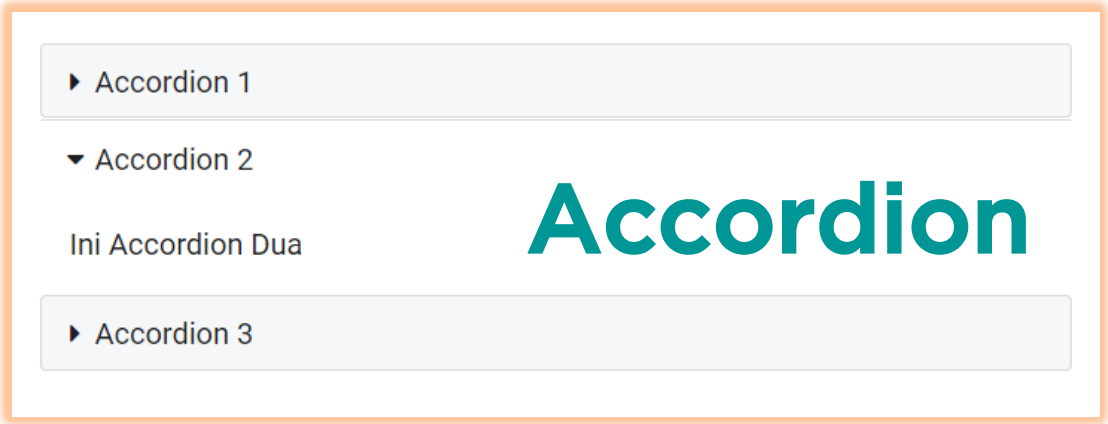
```
 . . . . . .

import {Accordion, AccordionTab} from
'primereact/components/accordion/Accordion';

 . . . . . .

<Accordion multiple={false}>
    <AccordionTab header="Accordion 1">
        Ini Accordion Satu
    </AccordionTab>
    <AccordionTab header="Accordion 2">
        Ini Accordion Dua
    </AccordionTab>
    <AccordionTab header="Accordion 3">
        Ini Accordion Tiga
    </AccordionTab>
</Accordion>

 . . . . . .
```



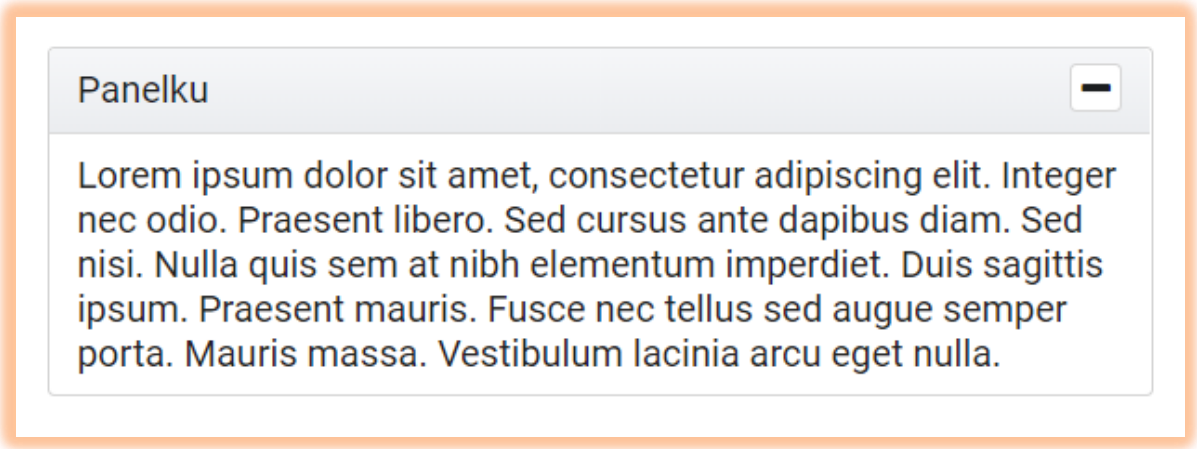
Panel

```
 . . . . . .
import {Panel} from
'primereact/components/panel/Panel';

 . . . . . .

<div style={{margin:'50px'}}>
    <Panel header="Panelku" toggleable={true}>
        Lorem ipsum...
    </Panel>
</div>

 . . . . . .
```



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ScrollPanel

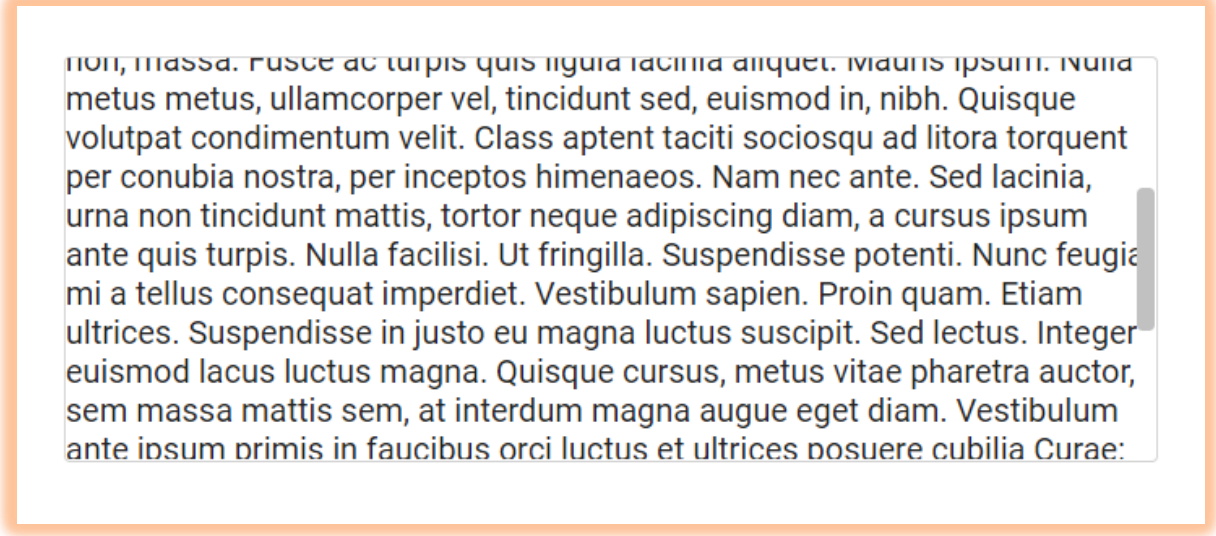
```
 . . . . . .

import {ScrollPanel} from
'primereact/components/scrollpanel/ScrollPanel';

 . . . . . .

<div style={{margin:'50px'}}>
  <ScrollPanel style={{width:'100%', height:'200px'}}>
    Lorem ipsum...
  </ScrollPanel>
</div>

 . . . . . .
```



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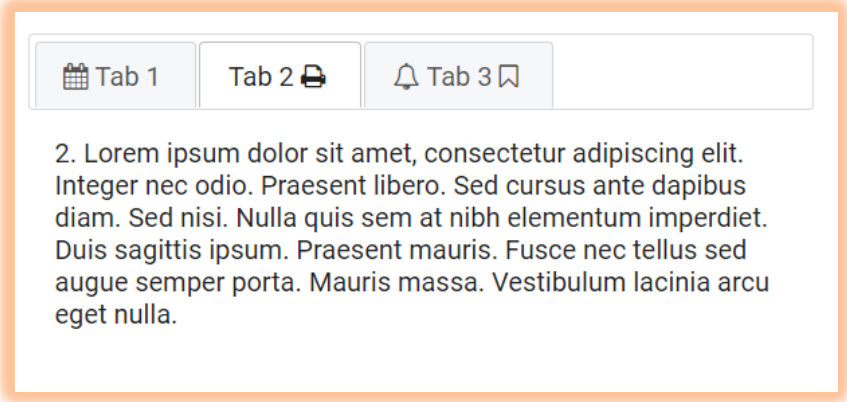
TabView

```
 . . . . . .
import {TabView, TabPanel} from
'primereact/components/tabview/TabView';

 . . . . . .

<TabView>
  <TabPanel header="Tab 1" leftIcon="fa-calendar">
    Lorem ipsum...
  </TabPanel>
  <TabPanel header="Tab 2" rightIcon="fa-print">
    Lorem ipsum...
  </TabPanel>
  <TabPanel header="Tab 3" leftIcon="fa-bell-o"
  rightIcon="fa-bookmark-o">
    Lorem ipsum...
  </TabPanel>
</TabView>

 . . . . . .
```

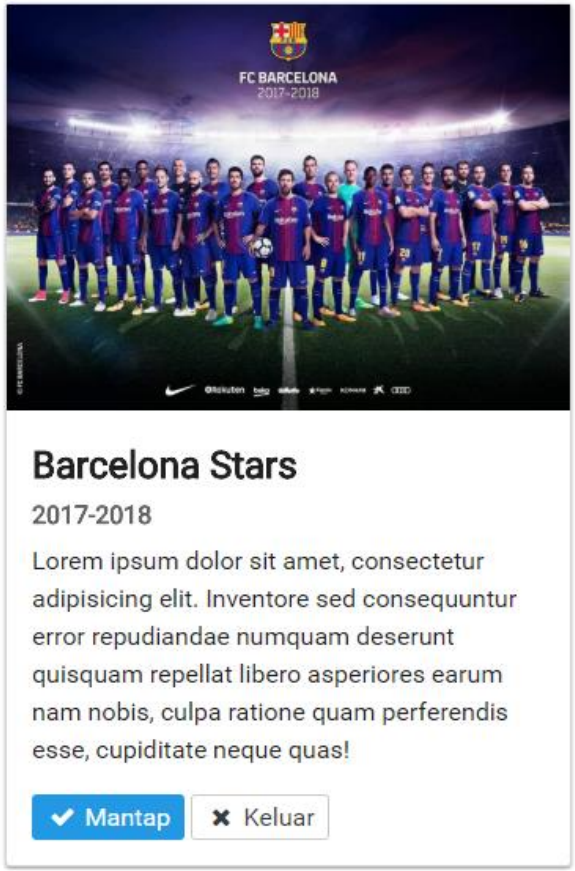


Card

```
. . . . . .
import {Button} from
'primereact/components/button/Button';
import {Card} from 'primereact/components/card/Card';

class App extends Component {
  render() {
    let header = <img alt="Card" src='barca.jpg'/>;
    let footer = <span>
     <Button label="OK" icon="fa-check"/>
     <Button label="EXIT" icon="fa-close"/>
     </span>;
    return (
     <div style={{margin:'50px'}}>
      <Card title="Barcelona Stars"
         subtitle="2017-2018"
         style={{width:'360px'}}
         className="ui-card-shadow"
         footer={footer} header={header}>
             <div> Lorem ipsum... </div>
      </Card>
     </div>
    );}}

. . . . . .
```



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