

ASSIGNMENT NO.: 06

App.js

```
import React, { useState } from "react";
import {
  AppBar, Toolbar, Typography, Grid, Card,
  CardContent, TextField, Button, Checkbox, FormControlLabel, MenuItem,
  Select, InputLabel, FormControl, RadioGroup, Radio, Switch, Slider
} from "@mui/material";

export default function FormApp() {
  const [gender, setGender] = useState("");
  const [age, setAge] = useState(20);

  return (
    <div className="container">
      {/* AppBar */}
      <AppBar position="static">
        <Toolbar>
          <Typography variant="h6">MUI Form</Typography>
        </Toolbar>
      </AppBar>

      {/* Grid Layout */}
      <Grid container spacing={2} justifyContent="center" marginTop={2}>
        <Grid item xs={12} sm={8} md={6}>
          <Card className="card">
            <CardContent>
              <Typography variant="h5" gutterBottom>
                User Form
              </Typography>

              {/* TextFields */}
              <TextField
                label="Full Name"
                variant="outlined"
                fullWidth
                margin="normal"
              />
              <TextField
                label="Email"
                type="email"
                variant="outlined"
              />
            </CardContent>
          </Card>
        </Grid item>
      </Grid>
    </div>
  );
}
```

```
    fullWidth  
    margin="normal"  
  />
```

```
  {/ * Gender Dropdown */}  
  <FormControl fullWidth margin="normal">  
    <InputLabel>Gender</InputLabel>  
    <Select  
      value={gender}  
      onChange={(e) => setGender(e.target.value)}  
      label="Gender"  
    >  
      <MenuItem value="male">Male</MenuItem>  
      <MenuItem value="female">Female</MenuItem>  
      <MenuItem value="other">Other</MenuItem>  
    </Select>  
  </FormControl>
```

```
  {/ * Checkbox */}  
  <FormControlLabel  
    control={<Checkbox />}  
    label="I agree to Terms & Conditions"  
  />
```

```
  {/ * Radio Buttons */}  
  <Typography variant="body1" style={{ marginTop: "10px" }}>  
    Choose Subscription:  
  </Typography>  
  <RadioGroup row>  
    <FormControlLabel value="free" control={<Radio />} label="Free" />  
    <FormControlLabel  
      value="premium"  
      control={<Radio />}  
      label="Premium"  
    />  
  </RadioGroup>
```

```
  {/ * Switch */}  
  <FormControlLabel  
    control={<Switch />}  
    label="Enable Notifications"  
  />
```

```
  {/ * Slider */}
```

```

        <Typography gutterBottom>Age: {age}</Typography>
        <Slider
          value={age}
          onChange={(e, newValue) => setAge(newValue)}
          step={1}
          min={10}
          max={60}
          valueLabelDisplay="auto"
        />

        {/* Submit Button */}
        <Button
          variant="contained"
          color="primary"
          fullWidth
          style={{ marginTop: "15px" }}
        >
          Submit
        </Button>
      </CardContent>
    </Card>
  </Grid>
</Grid>
</div>
);
}

```

App.css

```

.App {
  text-align: center;
}

.App-logo {
  height: 40vmin;
  pointer-events: none;
}

@media (prefers-reduced-motion: no-preference) {
  .App-logo {
    animation: App-logo-spin infinite 20s linear;
  }
}

.App-header {

```

```
background-color: #282c34;  
min-height: 100vh;  
display: flex;  
flex-direction: column;  
align-items: center;  
justify-content: center;  
font-size: calc(10px + 2vmin);  
color: white;  
}
```

```
.App-link {  
  color: #61dafb;  
}
```

```
@keyframes App-logo-spin {  
  from {  
    transform: rotate(0deg);  
  }  
  to {  
    transform: rotate(360deg);  
  }  
}
```

OUTPUT:

MUI Form

User Form

☐ I agree to Terms & Conditions

Choose Subscription:

☐ Free ☐ Premium

☐ Enable Notifications

Age: 20

SUBMIT