

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>
            <CardContent>
              <TextField
                label="Full Name"
                variant="outlined"
                fullWidth
                margin="normal"
              />
              <TextField
                label="Email"
                type="email"
                variant="outlined"
              />
            </CardContent>
          </Card>
        </Grid>
      </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