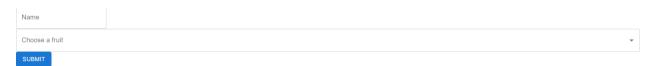
Classwork Project day 4:

```
import React, { useState } from 'react';
import TextField from '@mui/material/TextField';
import Autocomplete from '@mui/material/Autocomplete';
import Button from '@mui/material/Button';
const fruits = ['Apple', 'Banana', 'Cherry', 'Durian', 'Elderberry'];
const App = () => {
 const [name, setName] = useState('');
 const [selectedFruit, setSelectedFruit] = useState(null);
 const [greeting, setGreeting] = useState('');
  const handleSubmit = () => {
    if (name && selectedFruit) {
      setGreeting(`Hello, ${name}! Your favorite fruit is ${selectedFruit}.`);
       label="Name"
       data-testid="name"
       value={name}
       onChange={(e) => setName(e.target.value)}
      <Autocomplete
       options={fruits}
       data-testid="autocomplete"
       renderInput={(params) => (
         <TextField {...params} label="Choose a fruit" />
       value={selectedFruit}
       onChange={(_, newValue) => setSelectedFruit(newValue)}
      <Button variant="contained" data-testid="button" onClick={handleSubmit}>
       Submit
      </Button>
      {greeting && {greeting}}
};
export default App;
```

output:



Name	
Choose a fruit	•
Apple	
Banana	
Cherry	
Durian	
Elderberry	