

## 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}.`);
    }
  };

  return (
    <div>
      <TextField
        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 && <p>{greeting}</p>}
    </div>
  );
};

export default App;
```

output:

Choose a fruit

SUBMIT

Name

Choose a fruit

Apple

Banana

Cherry

Durian

Elderberry