

INT252

Registration No.- 12300352

Name – Manish Kumar

Roll No.- 30

Ca-1

Question-1-

The screenshot displays a web application running on localhost:3000. The application is a React app with a dark theme. The left sidebar shows the file explorer with a project structure including a 'src' directory with various files like 'App.js', 'App.css', 'App.test.js', 'BakeryInfo.js', 'CA1Q1.js', 'ChangeCol.js', 'filename.txt', 'Hide.js', 'Imagecrousal.css', 'Imagecrousal.js', 'img.jpg', 'img.js', 'index.css', 'index.js', 'Inputform.js', 'logo.svg', 'Profilecard.css', 'Profilecard.js', 'Props.js', 'reportWebVitals.js', 'setupTests.js', 'Toggle.js', 'UserList.js', '.gitignore', 'package-lock.json', 'package.json', and 'README.md'. The main editor shows the code for 'CA1Q1.js'.

```
1 import React from 'react';
2
3
4 function CA1Q1() {
5   const array1 = [{ id: 1, totalAmount: 1000 }, { id: 2, totalAmount: 1500 }];
6   const array2 = [{ id: 3, totalAmount: 55 }, { id: 4, totalAmount: 1500 }];
7
8   const mergedArray = [...array1, ...array2].sort((a, b) => a.totalAmount < b.totalAmount);
9
10  return (
11    <div>
12      <h1>Merged Array:</h1>
13      <ul>
14        {mergedArray.map((item) => (
15          <li key={item.id}>{item.totalAmount}</li>
16        ))}
17      </ul>
18    </div>
19  );
20 }
21 export default CA1Q1;
```

The browser window shows the rendered output of the application. It includes a list of bird names: American Robin, Blue Jay, and Northern Cardinal. Below them is a counter showing '0' and buttons for 'Click=0', 'Click*=0', and 'Reset0'. There is also a checkbox labeled 'Off' and a button labeled 'Click me'. Below this is a 'User List' section with a list of users: John Doe (30), Jane Doe (25), and Bob Smith (40). Each user has a 'Delete' button. Below the user list is a form with 'Name:' and 'Age:' labels and an 'Add User' button. Below the form is a section titled 'Merged Array:' with a list of numbers: 55, 150, 320, and 1000. Below this is a section titled 'Welcome To Sweet Treats Bakery' with a subtitle 'Sweet Treats Bakery'. At the bottom is a table with columns 'Item', 'Price', and 'Action'.

| Item | Price | Action |
|----------------|-------|-----------|
| Chocolate Cake | \$20 | Order Now |

The status bar at the bottom shows the file 'CA1Q1.js' is open at line 5, column 43. The editor is using UTF-8 encoding and CRLF line endings. The status bar also shows 'master*' as the current branch and 'Live Share' as the active feature.

Question-2-

The screenshot shows a web browser window with the URL `localhost:3000`. The page content includes:

- A header with a count of `0` and buttons for `Click=0`, `Click*=0`, and `Reset0`.
- A button labeled `Off`.
- A large square button labeled `Click me`.
- A section titled `User List` containing a list of users:
 - John Doe (30) with a `Delete` button
 - Jane Doe (25) with a `Delete` button
 - Bob Smith (40) with a `Delete` button
- Form fields for `Name:` and `Age:` with an `Add User` button.
- A section titled `Merged Array:` displaying a list of numbers:
 - 55
 - 150
 - 320
 - 1000
- A large box containing the text `Welcome To Sweet Treats Bakery` and `Sweet Treats Bakery`, followed by a table:

| Item | Price | Action |
|----------------|-------|----------------------------|
| Chocolate Cake | \$20 | <button>Order Now</button> |
| Croissant | \$3 | <button>Order Now</button> |
| CupCake | \$5 | <button>Order Now</button> |

The code editor on the left shows the source code for the application, including the `BakeryInfo` component and the `UserList` component.