

Output for Quiz Application (Node.js + Express + SQLite + React)

1. Backend Output

After running the backend server using the command: `node server.js`

Expected terminal output:

Running

When accessing `http://localhost:4000/api`, it returns quiz data in JSON format.

Example:

```
[
  {
    "id": 1,
    "question": "What is 2 + 2?",
    "optionA": "1",
    "optionB": "2",
    "optionC": "3",
    "optionD": "4",
    "answer": "4"
  },
  {
    "id": 2,
    "question": "Capital of India?",
    "optionA": "Chennai",
    "optionB": "Delhi",
    "optionC": "Mumbai",
```

```
"optionD": "Kolkata",  
"answer": "Delhi"  
}  
]
```

2. Frontend Output (React UI)

After running `npm start`, the browser UI displays:

Quiz

What is $2 + 2$?

- 1
- 2
- 3
- 4

Capital of India?

- Chennai
- Delhi
- Mumbai
- Kolkata