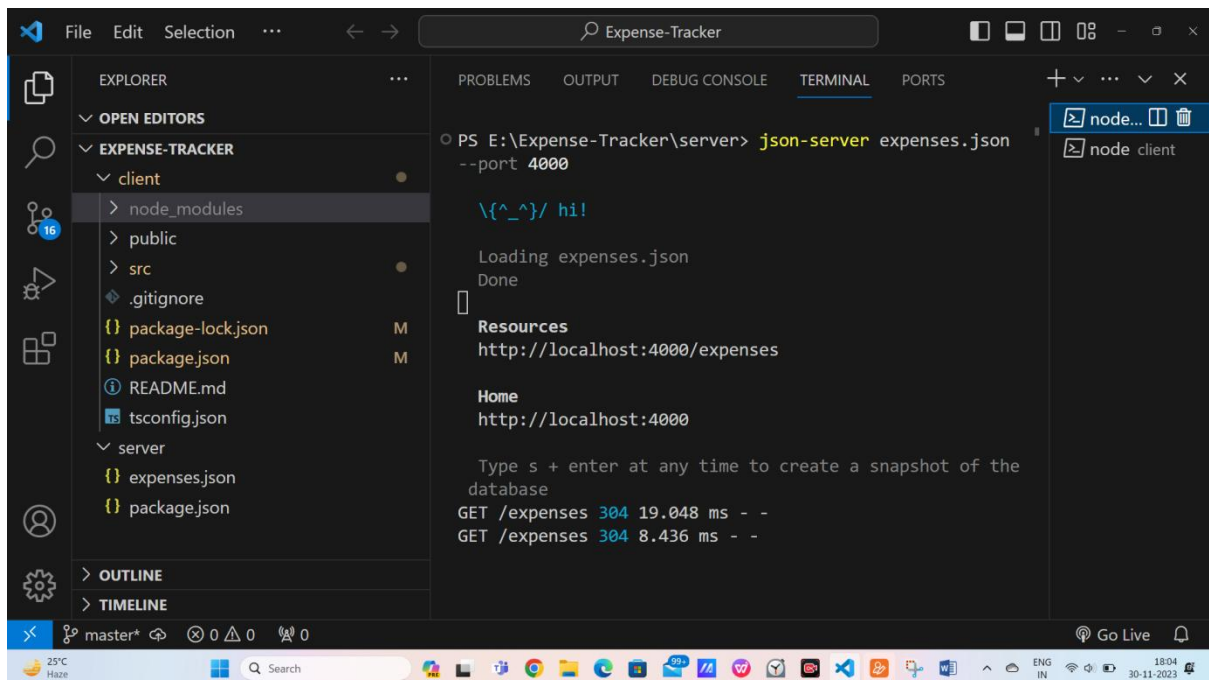


Lab 4 Screenshots



This screenshot shows the Visual Studio Code interface with the 'Expense-Tracker' project open. The Explorer panel on the left shows the file structure with 'client' and 'server' folders. The Terminal panel on the right shows the command prompt running 'json-server expenses.json --port 4000'. The output shows a successful start with a 'hi!' message and a list of resources including 'http://localhost:4000/expenses'. The status bar at the bottom indicates the current branch is 'master'.

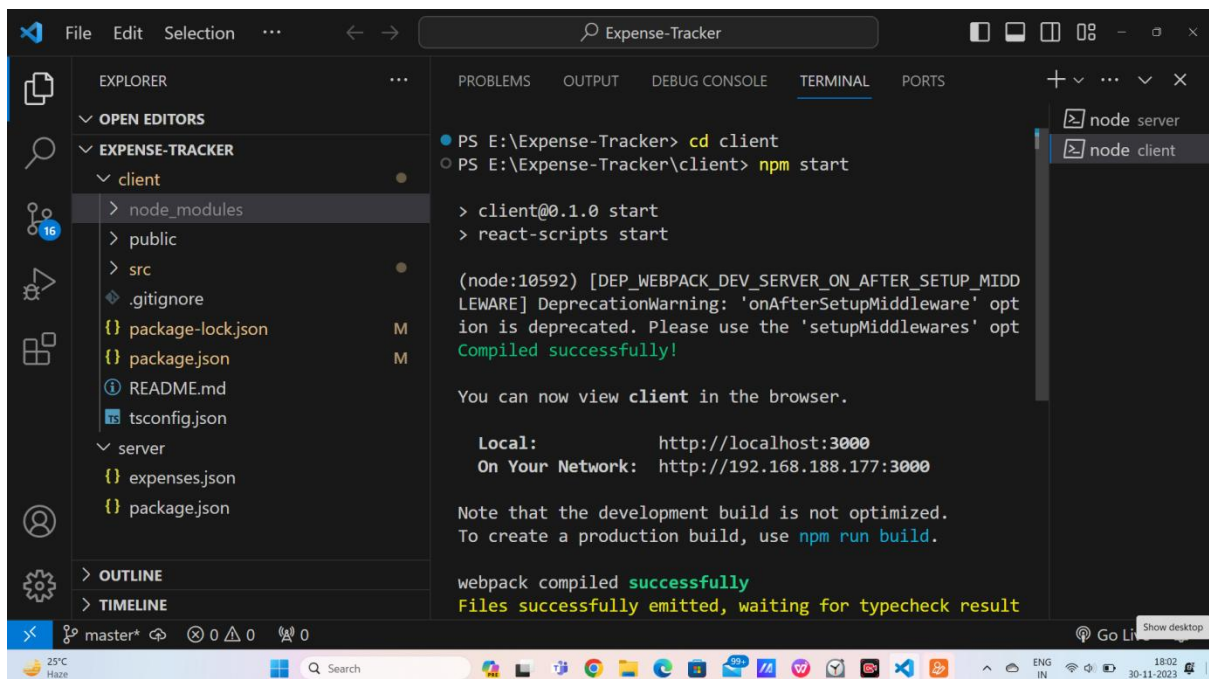
```
File Edit Selection ... Expense-Tracker
```

```
EXPLORED  
OPEN EDITORS  
EXPENSE-TRACKER  
  client  
    node_modules  
    public  
    src  
    .gitignore  
    package-lock.json  
    package.json  
    README.md  
    tsconfig.json  
  server  
    expenses.json  
    package.json  
OUTLINE  
TIMELINE
```

```
PS E:\Expense-Tracker\server> json-server expenses.json --port 4000  
  
\{^_<^>}/ hi!  
  
Loading expenses.json  
Done  
  
Resources  
http://localhost:4000/expenses  
  
Home  
http://localhost:4000  
  
Type s + enter at any time to create a snapshot of the database  
GET /expenses 304 19.048 ms - -  
GET /expenses 304 8.436 ms - -
```

```
master*
```

Pic: Server Started



This screenshot shows the Visual Studio Code interface with the 'Expense-Tracker' project open. The Explorer panel on the left shows the file structure with 'client' and 'server' folders. The Terminal panel on the right shows the command prompt running 'cd client' and 'npm start'. The output shows the client starting successfully with a message 'Compiled successfully!' and a warning about the deprecated 'onAfterSetupMiddleware' option. The status bar at the bottom indicates the current branch is 'master'.

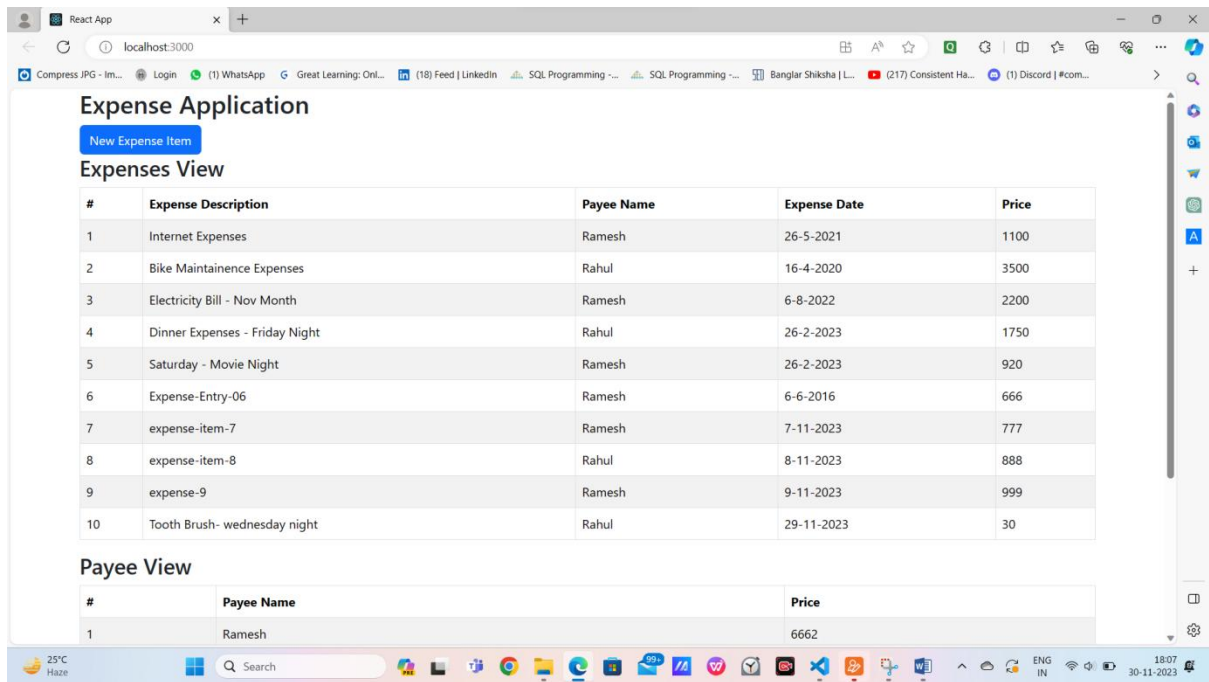
```
File Edit Selection ... Expense-Tracker
```

```
EXPLORED  
OPEN EDITORS  
EXPENSE-TRACKER  
  client  
    node_modules  
    public  
    src  
    .gitignore  
    package-lock.json  
    package.json  
    README.md  
    tsconfig.json  
  server  
    expenses.json  
    package.json  
OUTLINE  
TIMELINE
```

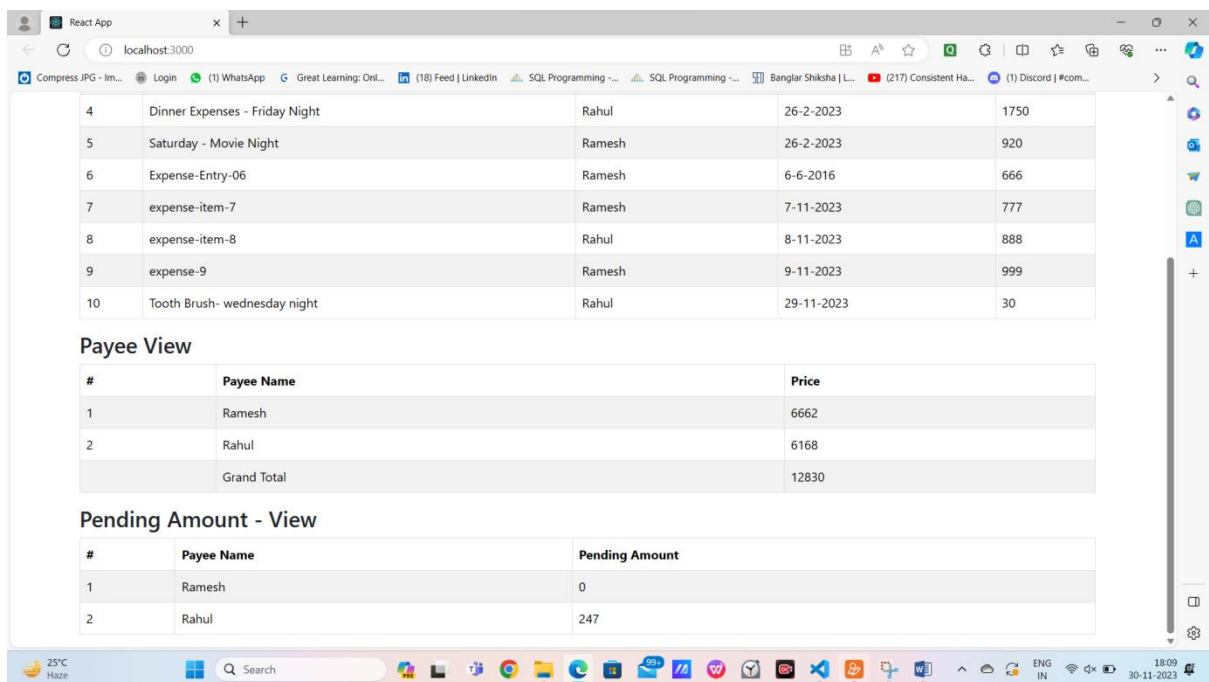
```
PS E:\Expense-Tracker> cd client  
PS E:\Expense-Tracker\client> npm start  
  
> client@0.1.0 start  
> react-scripts start  
  
(node:10592) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option  
Compiled successfully!  
  
You can now view client in the browser.  
  
Local: http://localhost:3000  
On Your Network: http://192.168.188.177:3000  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.  
  
webpack compiled successfully  
Files successfully emitted, waiting for typecheck result
```

```
master*
```

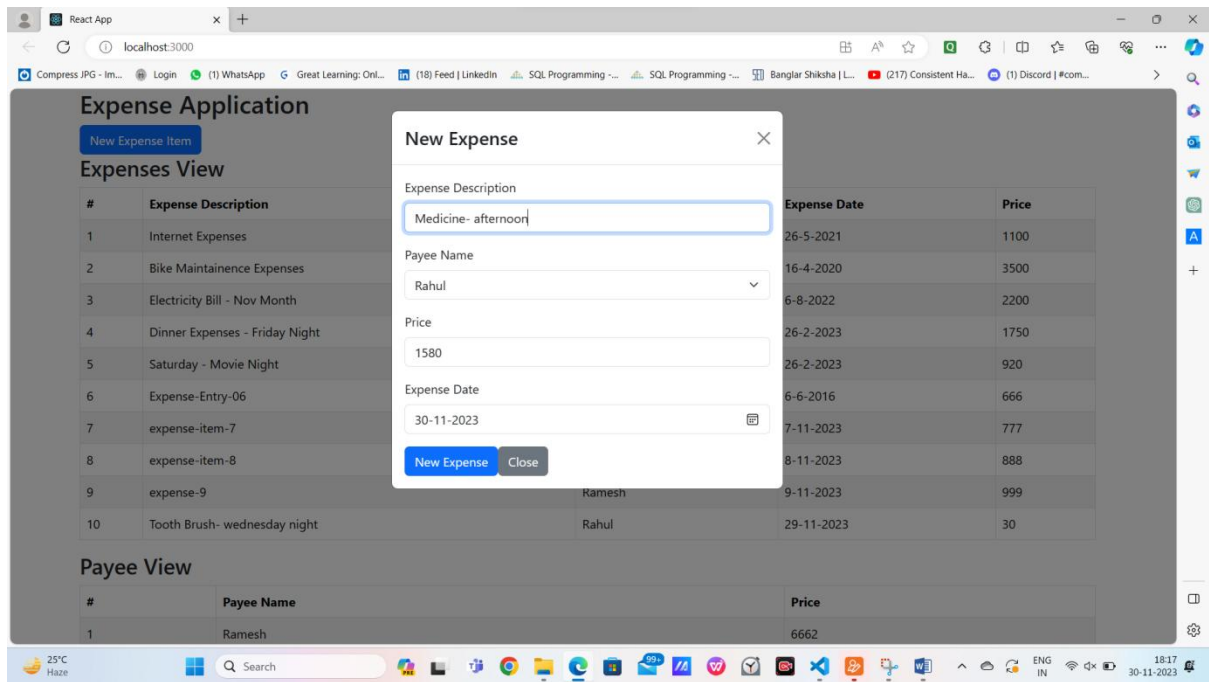
Pic: Client Started



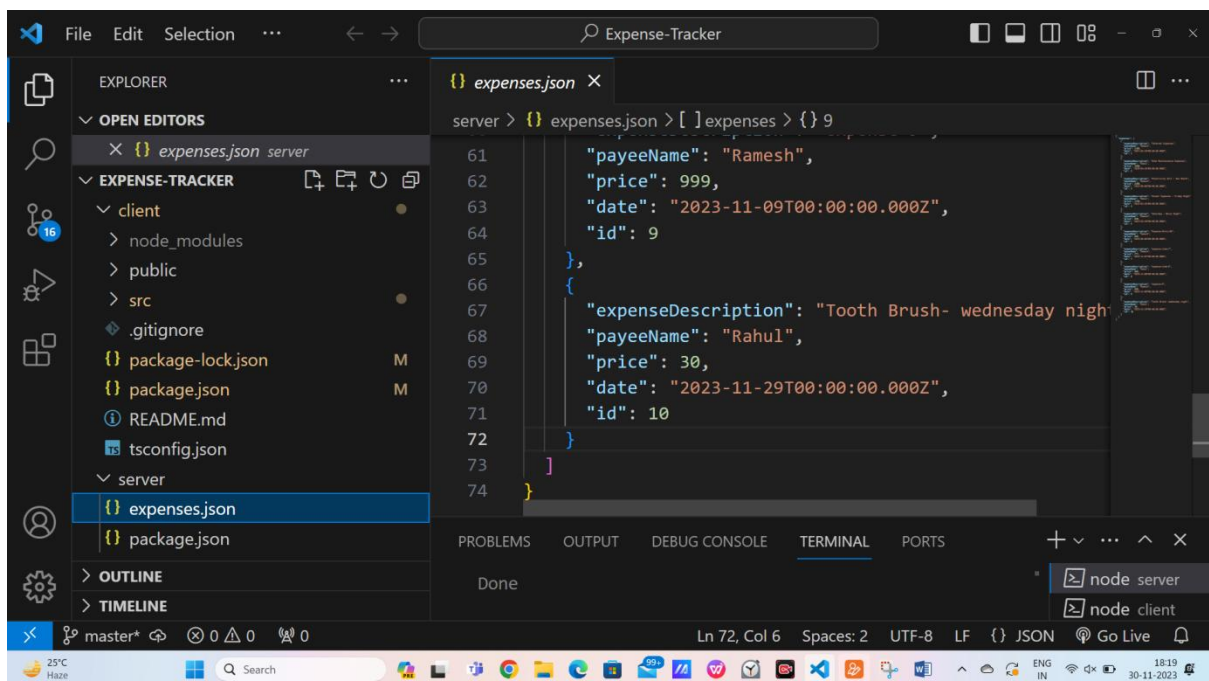
Pic: Browser View1



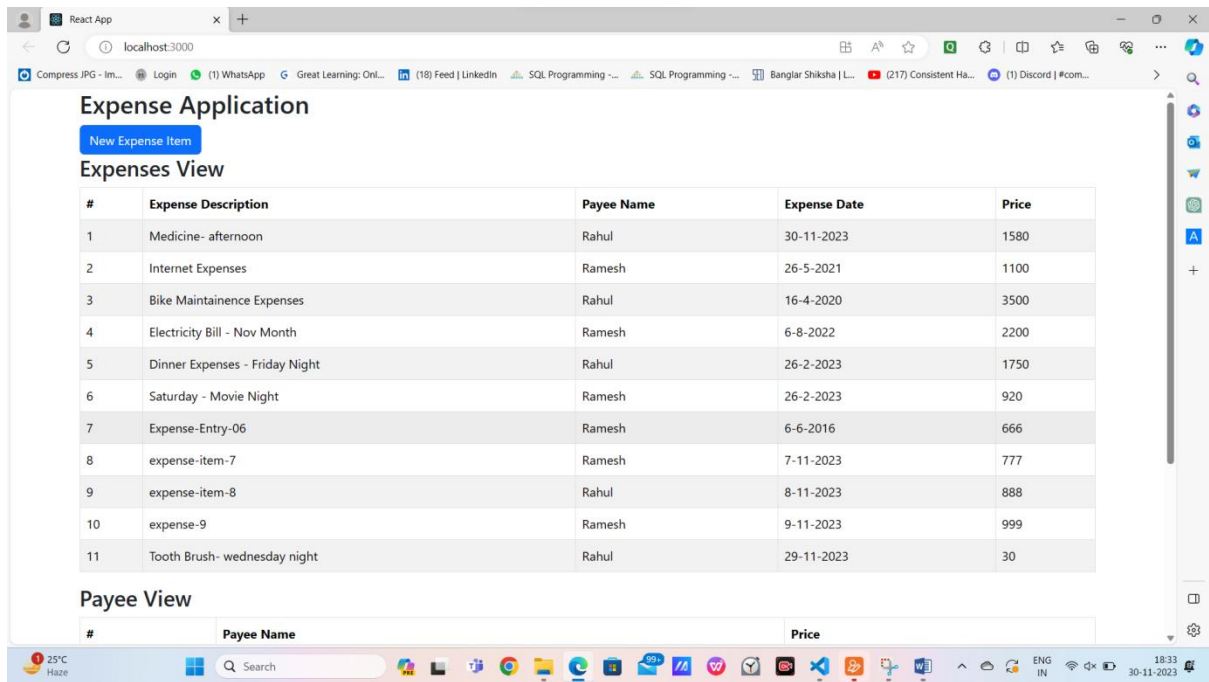
Pic: Browser View2



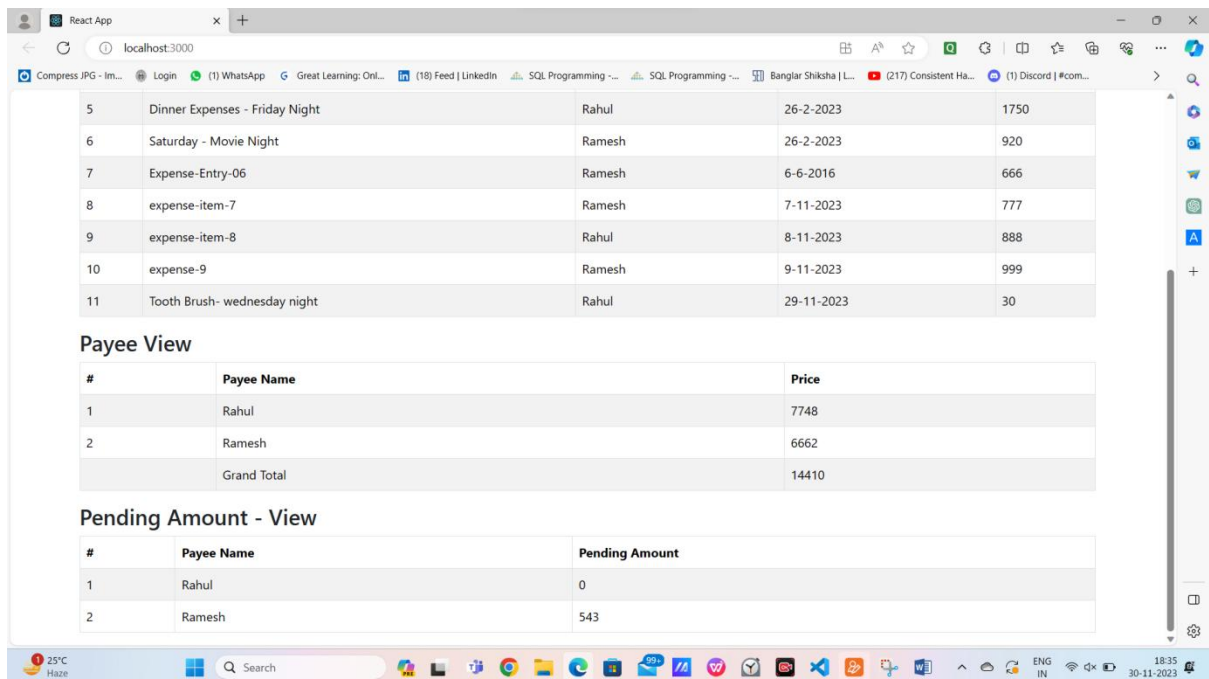
Pic: New Expense window



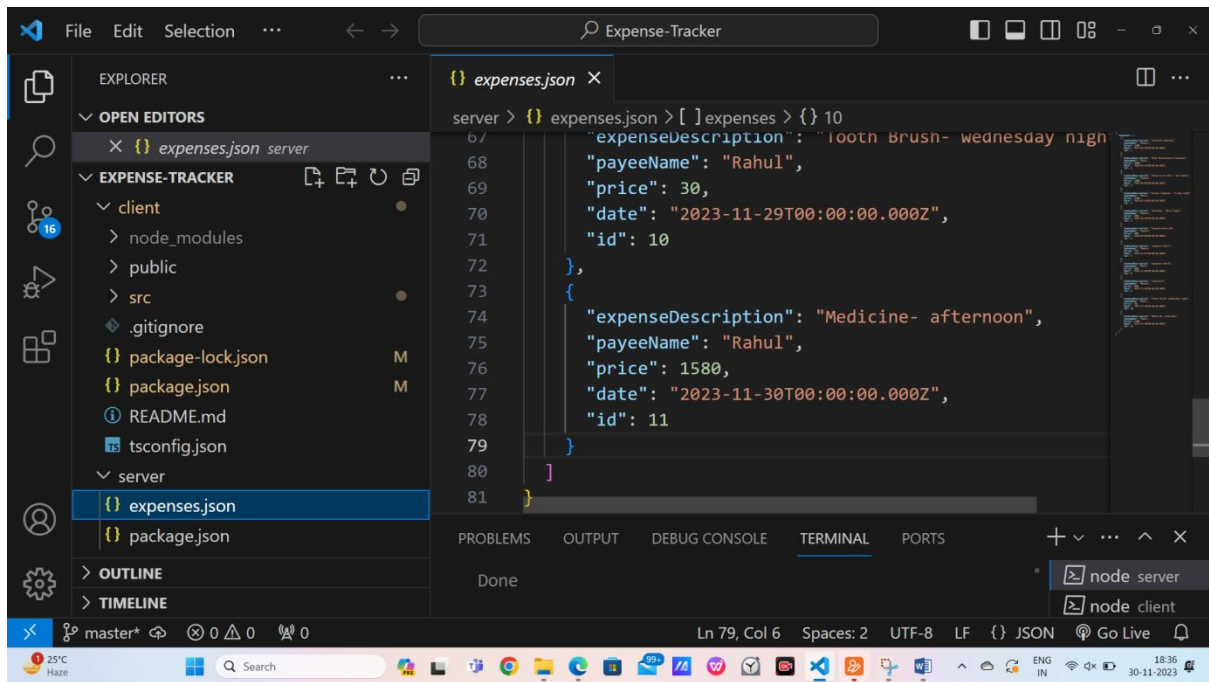
Pic: Before entry the Database(Last Entry id=10)



Pic: After entry the Database (First Entry id=1)



Pic: After entry the Database (First Entry id=1)



Pic: After entry the Database(Last Entry id=11)