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Jeffery - Personal

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- 6\_Problem\_Statement\_6\_Food\_Tracking 10/23/2023 5:52 PM Application 139,954 KB
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Earlier this year

- website-responsive-design-development... 8/29/2023 5:52 PM Application 139,954 KB
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- jk-intro (1) 8/28/2023 5:52 PM Application 139,954 KB
- jk-intro 8/28/2023 5:01 PM MP4 File 4,448 KB
- The\_Summer\_Ambient\_Uplifting\_Back... 8/28/2023 4:58 PM MP3 File 1,162 KB
- pdf2json 8/26/2023 7:00 PM PNG File 9 KB
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64 items 1 item selected 336 KB

56% complete

Copying 26 items from 6\_Problem\_Statement\_6\_Food\_Tracking to Desktop

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Speed: 1.37 KB/s

Name: package-lock  
Time remaining: Calculating...  
Items remaining: 22 (37.3 KB)

⌵ Fewer details

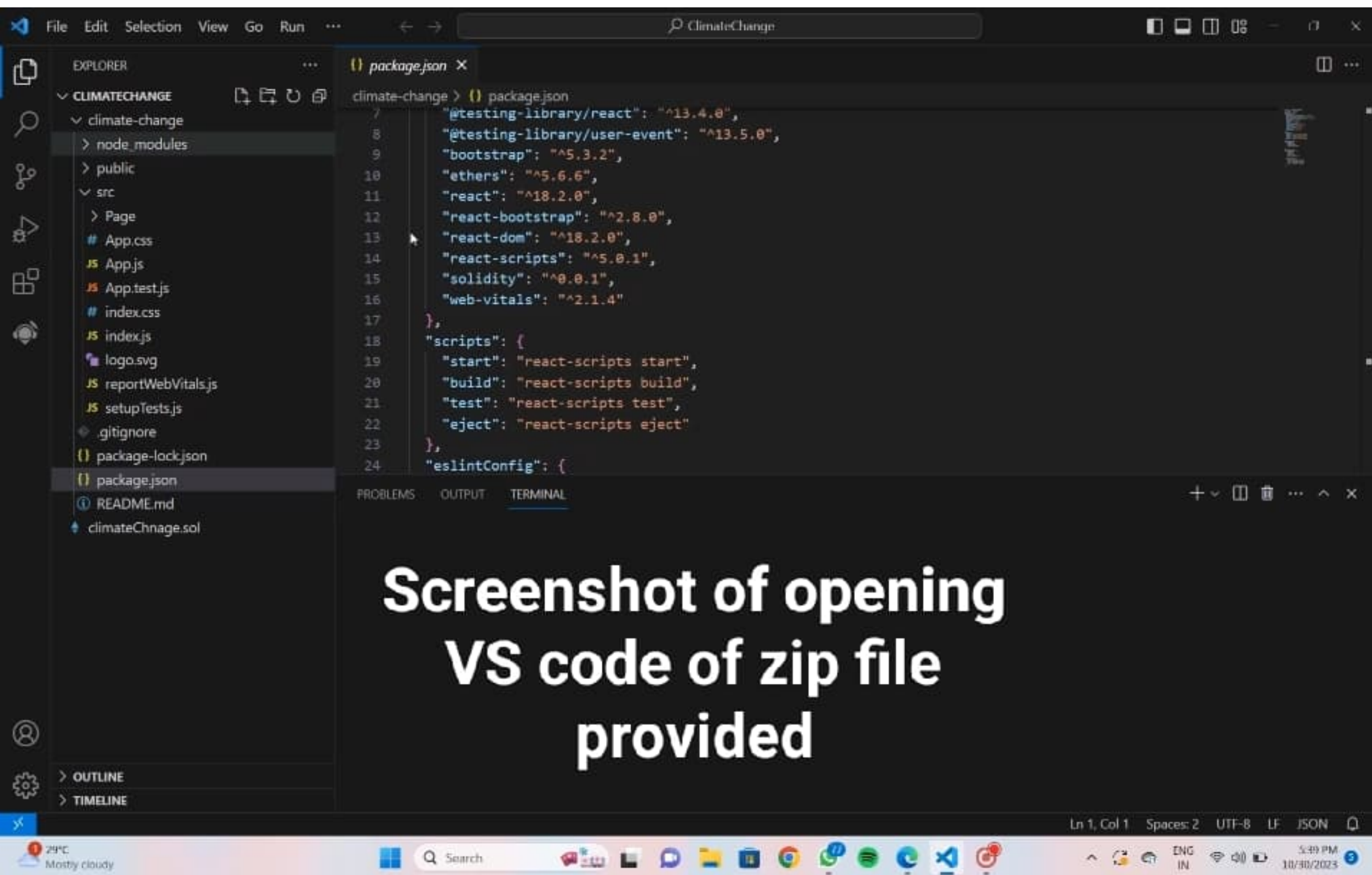
Next Cancel

# Zip file extraction of files

Pantheon Road  
Closed road

Search

6:51 PM  
10/30/2023



Remix - Ethereum IDE x React App x

https://remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v1.8.0+commit.c7dfd78e.js

Import favorites ASUS Software (Port... MyASUS Software ... McAfee LiveSafe Flowers Google P... Gmail YouTube Maps

### DEPLOY & RUN TRANSACTIONS

ENVIRONMENT  
Remix VM (Shanghai)

ACCOUNT  
0x5B3...eddC4 (99.9999999%)

GAS LIMIT  
3000000

VALUE  
0 Wei

CONTRACT  
climateChange - climateChnage.sol

Deploy

Publish to IPFS

At Address Load contract from Address

Transactions recorded

Deployed Contracts

CLIMATECHANGE AT 0x001...3913

```
1 contract ClimateChange {
2   struct ClimateData {
3     uint timestamp;
4     string details;
5   }
6
7   mapping(address => ClimateData) public climateRecords;
8
9   function addClimateData(string memory details) public {
10     ClimateData memory newData = ClimateData(block.timestamp, details);
11     climateRecords[msg.sender] = newData;
12   }
13
14   function getClimateData() public view returns (ClimateData memory) {
15     return climateRecords[msg.sender];
16   }
17
18   function updateClimateData(string memory details) public {
19     climateRecords[msg.sender].details = details;
20   }
21
22   // These are very basic functions written to carry out the operation
23 }
24
25
26 }
```

# Opening climateChange.sol in Remix ide ethernem

[vm] from: 0x5B3...eddC4 to: climateChange.(constructor) value: 0 wei data: 0x00...0003 logs: 0 hash: 0x00d...45666

Debug

Pantheon Road Closed road

Search

ENG IN 5:41 PM 10/30/2023



Mumbai

Account 2

0x20E...8480

0.1982 MATIC

\$0.13 USD



Buy



Send



Swap



Bridge



Portfolio

Tokens

NFTs

Activity

Oct 30, 2023



Receive

Confirmed

0 MATIC

\$0.00 USD



Send

Confirmed

-0 MATIC

-\$0.00 USD



Receive

Confirmed

0 MATIC

\$0.00 USD



Send

Confirmed

-0 MATIC

-\$0.00 USD

**Metamask extension  
downloading and  
account creation**



File Edit Selection View Go Run ... ClimateChange

EXPLORER

- CLIMATECHANGE
  - climate-change
    - node\_modules
    - public
    - src
      - Page
        - connector.js
        - Home.js
      - App.css
      - App.js
      - App.test.js
      - index.css
      - index.js
      - logo.svg
      - reportWebVitals.js
      - setupTests.js
    - .gitignore
    - package-lock.json
    - package.json
    - README.md
    - climateChange.sol

connector.js

```
climate-change > src > Page > connector.js > [0] address
83 window.open("https://metamask.io/download/")
84 }
85
86 export const provider = new ethers.providers.Web3Provider(window.ethereum);
87 export const signer = provider.getSigner();
88 export const address = "0x2aE122Ff5512B510bD277c0Cd3903d02D1928480";
89
90 export const contract = new ethers.Contract(address, abi, signer);
91
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

node + - [ ] [ ] ... ^ x

Compiled successfully!

You can now view climate-change in the browser.

Local: http://localhost:3000  
On Your Network: http://192.168.1.31:3000

Note that the development build is not optimized.  
To create a production build, use `npm run build`.

webpack compiled successfully

# Implementing of transactions id from Remix ide in constant.js

Ln 88, Col 68 Spaces: 4 UTF-8 LF () JavaScript Go Live

Tomorrow's high  
Near record

Search

5:42 PM  
10/30/2023

Remix - Ethereum IDE x React App x

localhost:3000

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# Climate Change

0x2ae1....928480

Enter climate Details

Update existing climate Details

Add Climate Data

Update Climate Data

Output for the files provided with solidarity compiler by Remix ide and metamask extension connected with constant.js

Get Climate Data

Tomorrow's high  
Near record

Search

ENG IN

5:42 PM  
10/30/2023