



learn blockchain

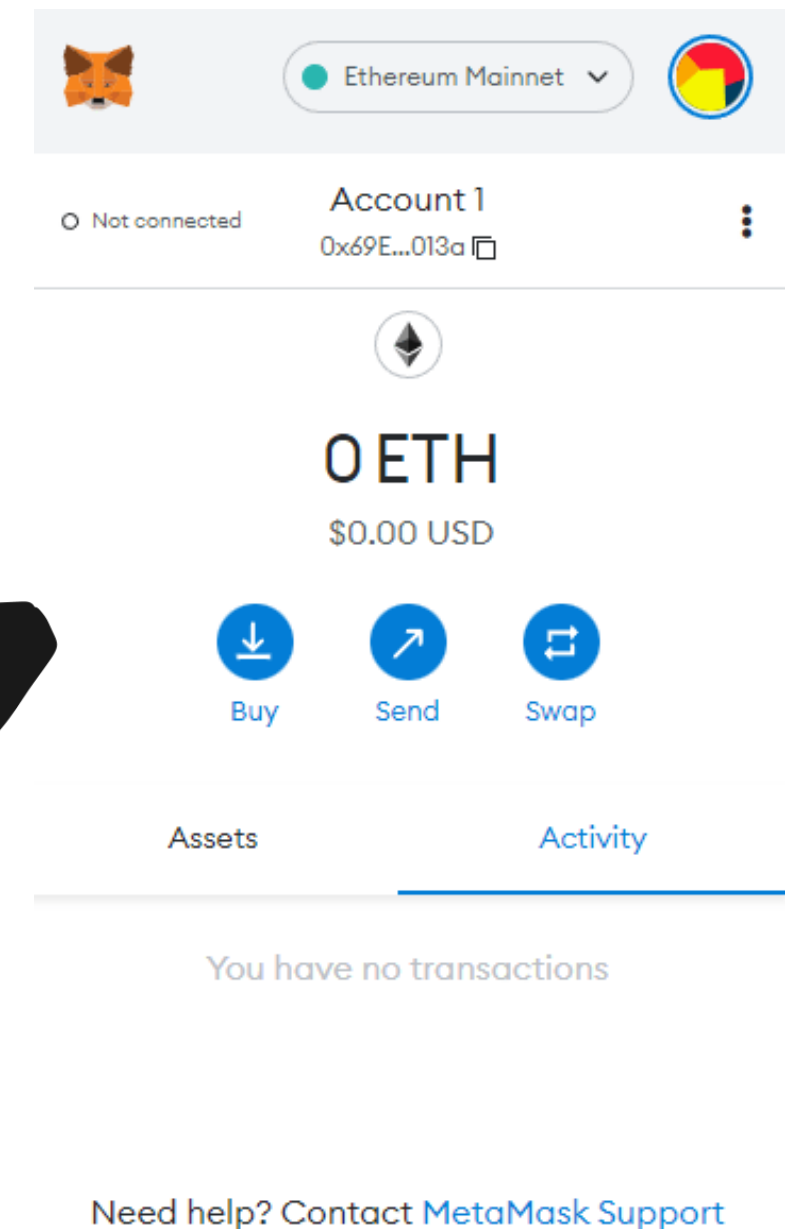
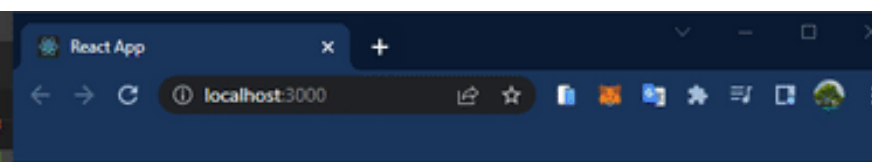
# Lesson 8

T

**menggunakan framework react js , dan melakukan sebuah perintah script yang membuat perintah request ke browser dimana jika memiliki metamask yang terkoneksi akan auto masuk ke akun metamask**

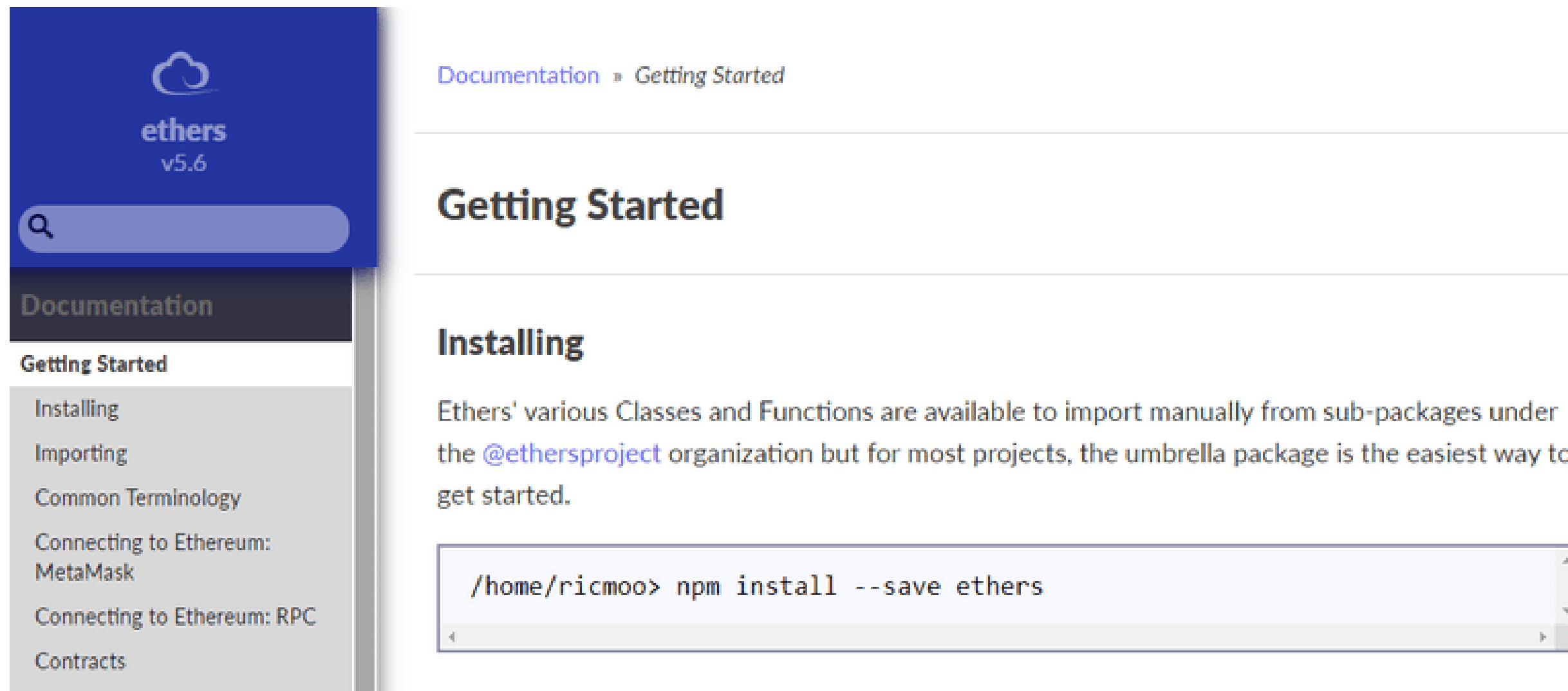
```
JS App.js M X JS index.js
my-app > src > JS App.js > App

4
5
6 async function connect() {
7   if (typeof window.ethereum !== "undefined") {
8     await window.ethereum.request({ method:
9       "eth_requestAccounts" });
10    document.getElementById("connect").innerHTML =
11      "Connected";
12   } else {
13     document.getElementById("connect").innerHTML = "Not
14       Connected";
15   }
16 }
17
18 return (
19   <div className="App">
20     <h1>Hello Welcome to Web3</h1>
21     <button style={{
22       backgroundColor: "#00ff00",
23       border: "none",
24       borderRadius: "5px",
25       color: "white",
26       padding: "10px",
27       textAlign: "center",
28       textDecoration: "none",
29       display: "inline-block",
30       fontSize: "16px",
31       margin: "4px 2px",
32       cursor: "pointer"
33     }} id="connect" onClick={
34       () => {
35         connect();
36       }
37     }>
```



# Menjalankan fungsi fund dengan dua address berbeda

untuk berinteraksi dengan ethereum , maka menggunakan socket web i.o yaitu ethers



The screenshot displays the ethers.js v5.6 documentation website. On the left is a dark blue sidebar with the ethers logo and a search bar. Below the search bar, a 'Documentation' menu is visible, with 'Getting Started' highlighted. The main content area has a breadcrumb trail 'Documentation » Getting Started' and a large 'Getting Started' heading. Underneath, the 'Installing' section is shown, explaining that ethers' classes and functions are available for manual import or via an umbrella package. A terminal window snippet shows the command to install ethers via npm.

ethers  
v5.6

Documentation

Getting Started

Installing

Importing

Common Terminology

Connecting to Ethereum: MetaMask

Connecting to Ethereum: RPC

Contracts

Documentation » Getting Started

## Getting Started

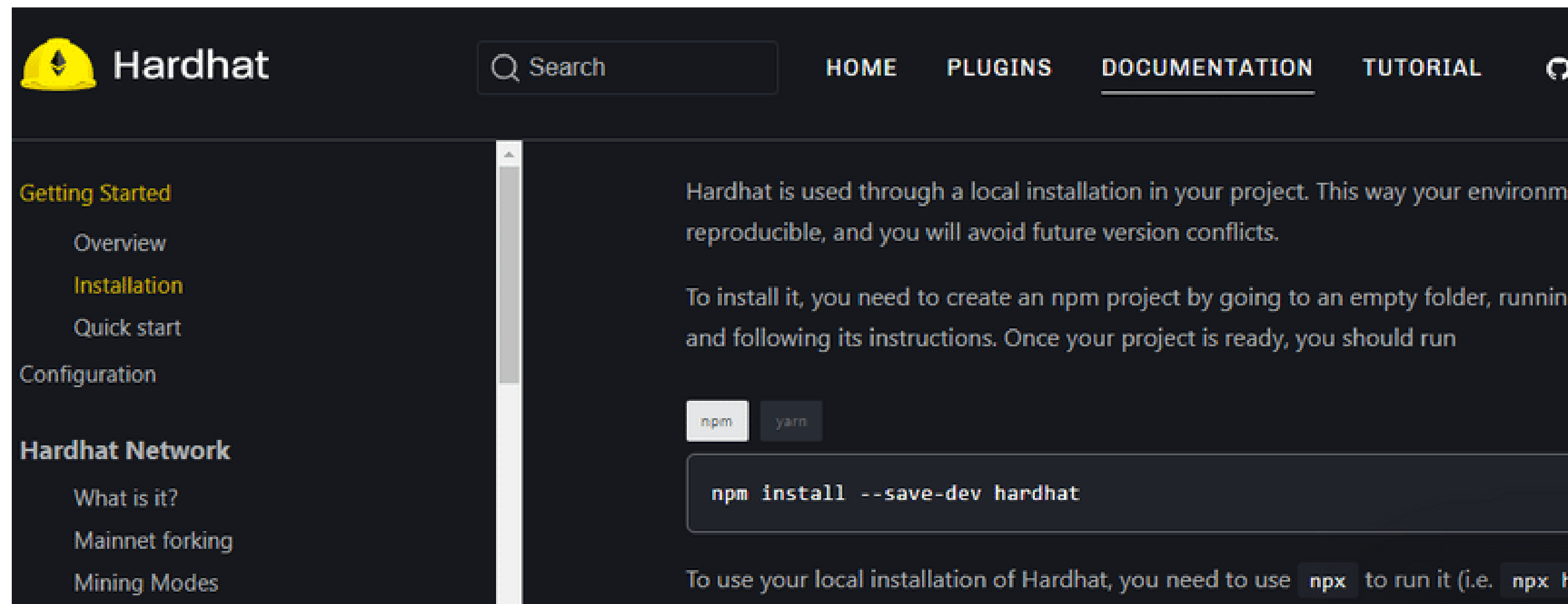
### Installing

Ethers' various Classes and Functions are available to import manually from sub-packages under the [@ethersproject](#) organization but for most projects, the umbrella package is the easiest way to get started.

```
/home/ricmoo> npm install --save ethers
```

# Menjalankan fungsi fund dengan dua address berbeda

dan untuk menguji proses interaksi menggunakan library hardhat



# Menjalankan fungsi fund dengan dua address berbeda

membuat network baru untuk melakukan transaksi dengan click button fund

Networks > Add a network

**i** A malicious network provider can lie about the state of the blockchain and record your network activity. Only add custom networks you trust.

Network Name

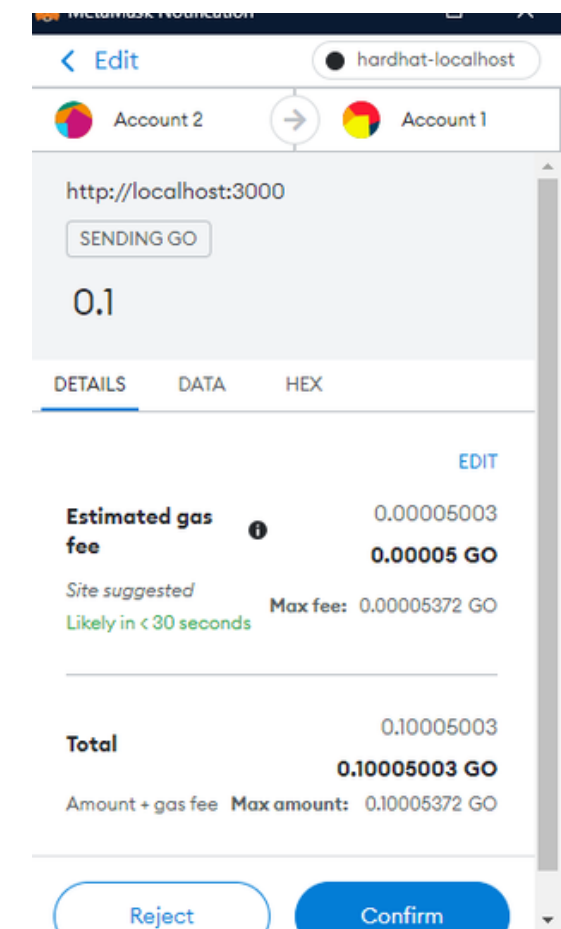
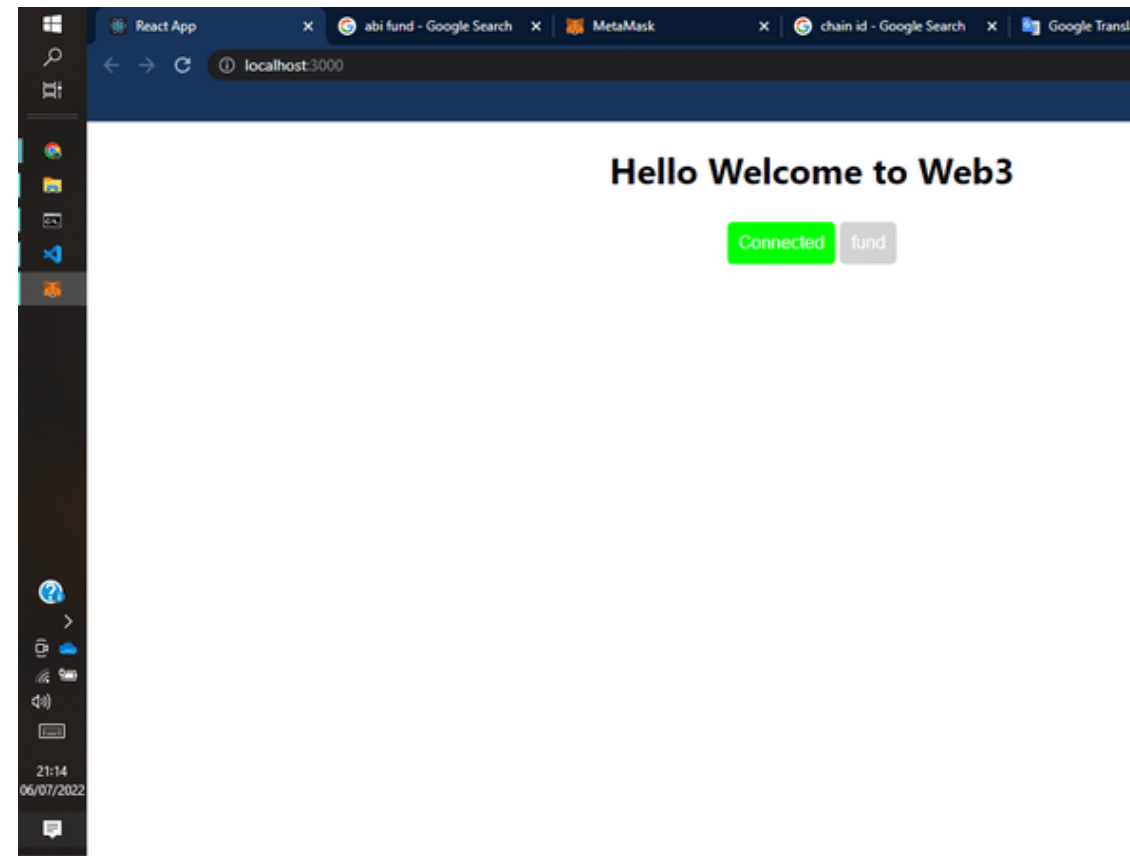
New RPC URL

Chain ID **i**

Currency Symbol

Block Explorer URL

(Optional)



# Menjalankan fungsi get balance dan withdrawl

menampilkan total transaksi yang telah terjadi dengan fungsi get balance dan melakukan withdrawl

