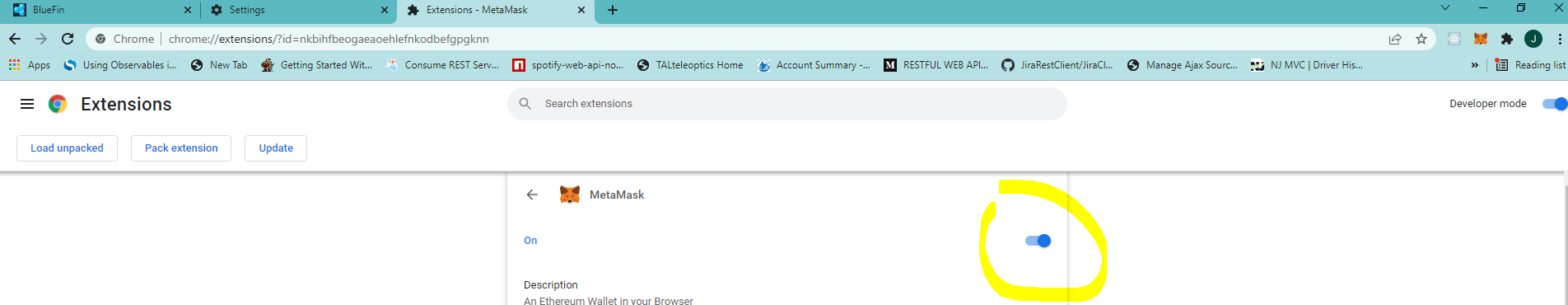
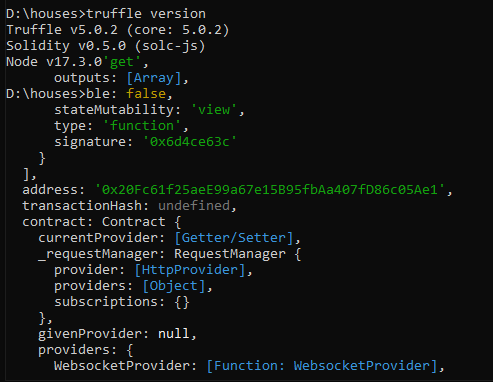
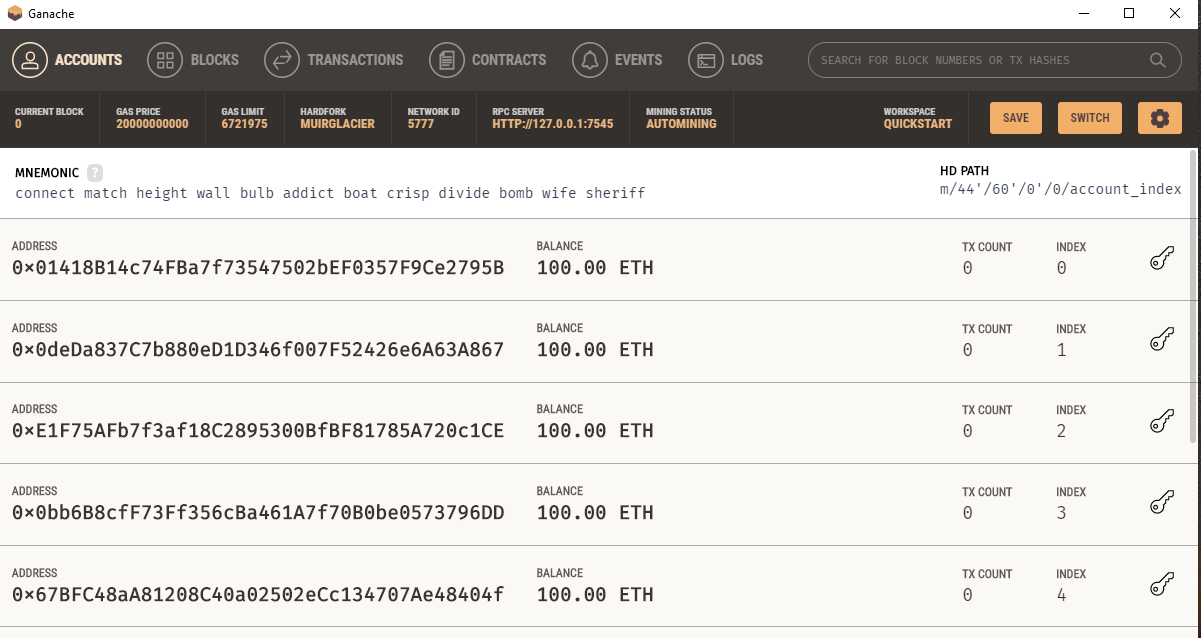
1. **Install Metamask Google Chrome extension and enable it**



1. **Install Truffle Suite v5.0.2**



1. **Install Ganache (private blockchain)**
2. **STEP 1 (load Ganache)**



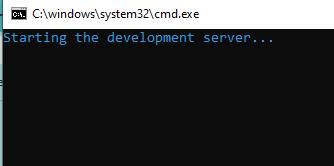
**STEP 2**

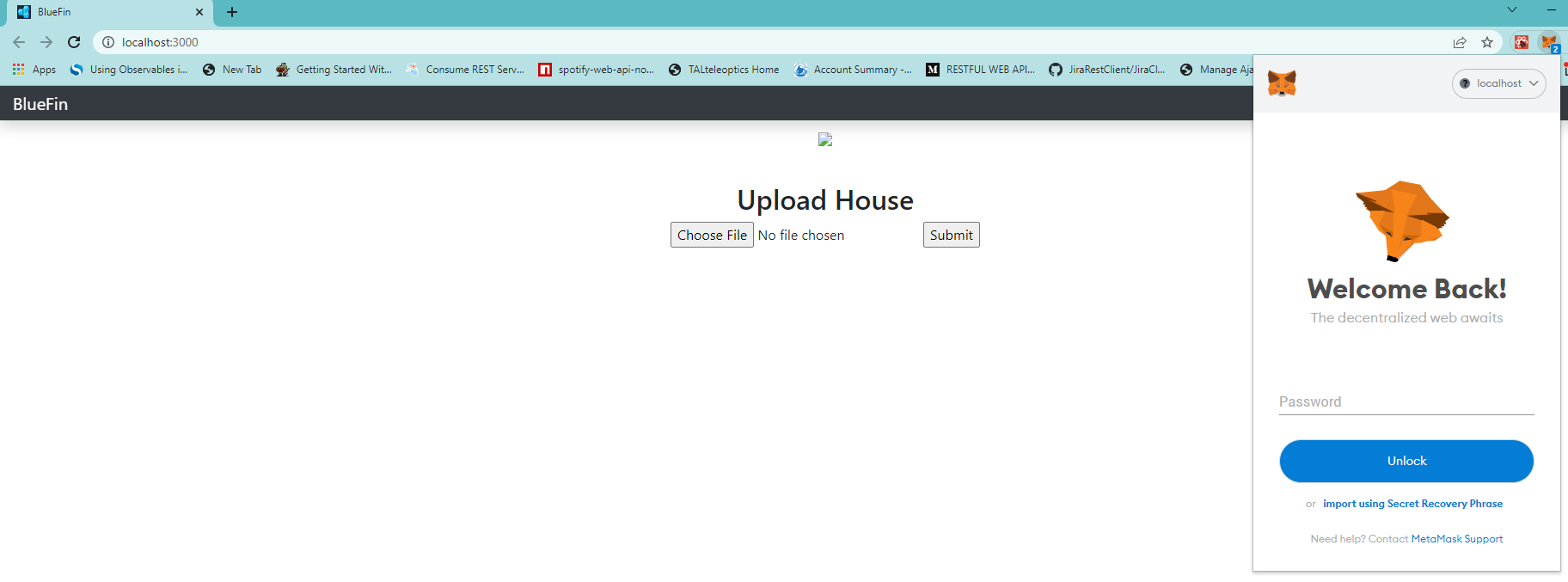
**truffle compile**

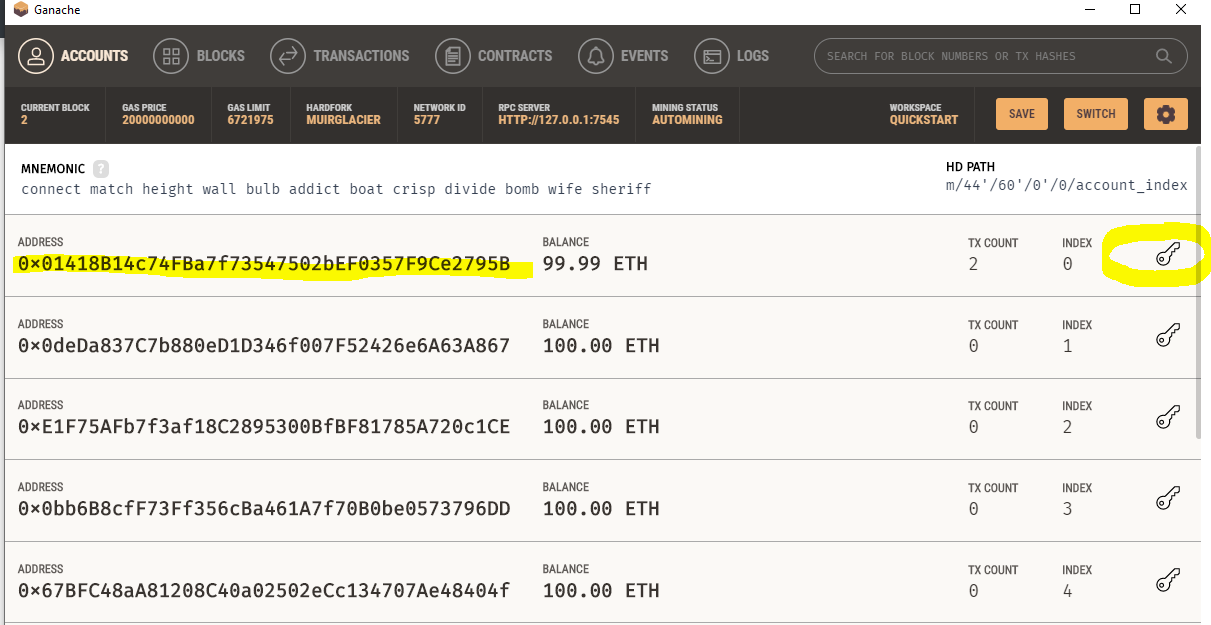
**truffle migrate --reset**

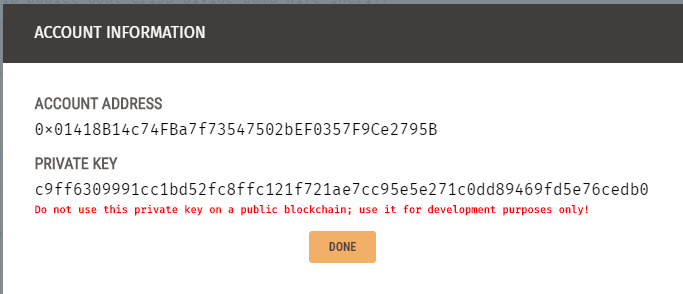


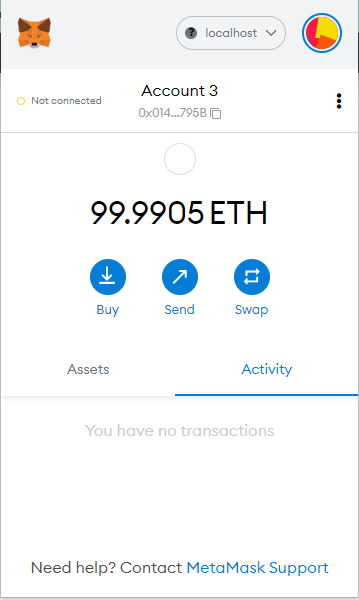
**3. npm start**

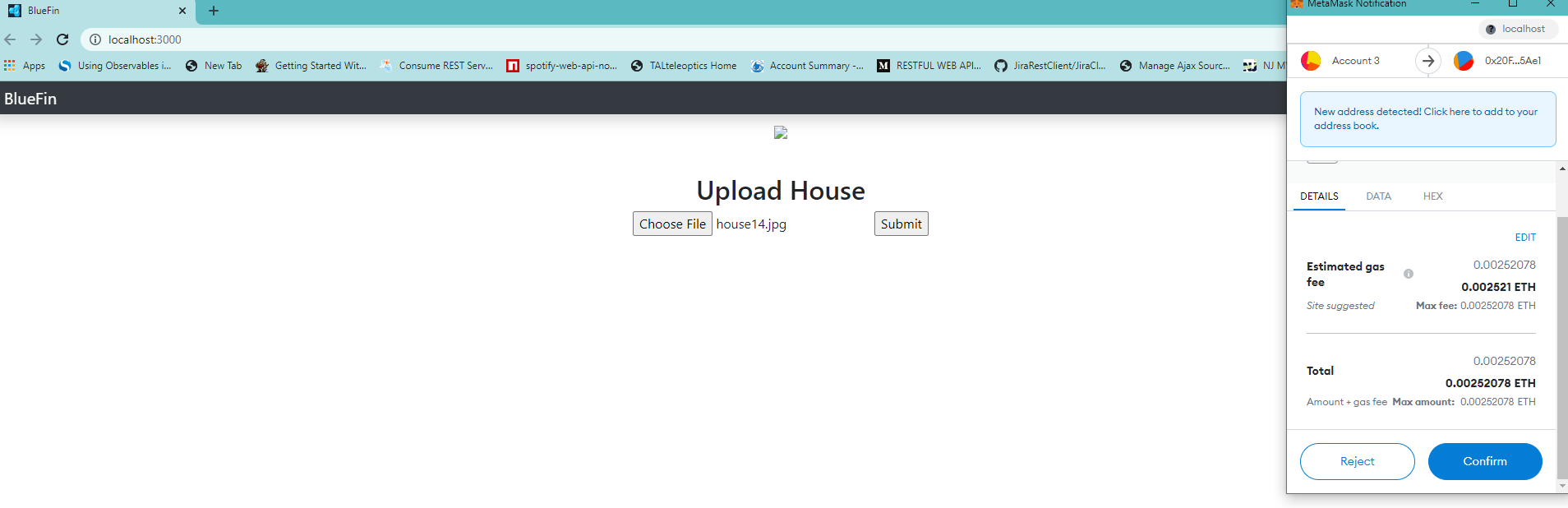


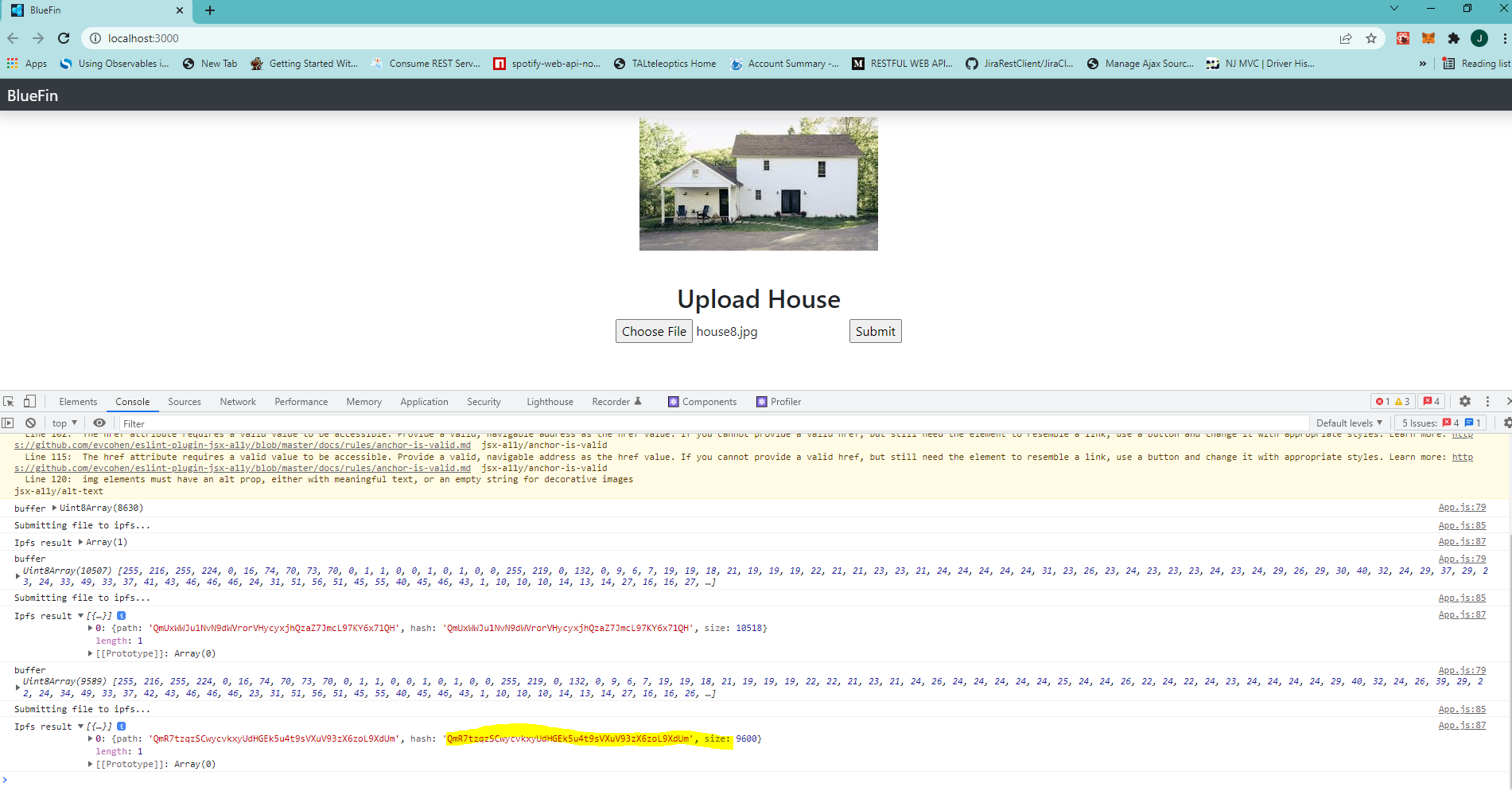




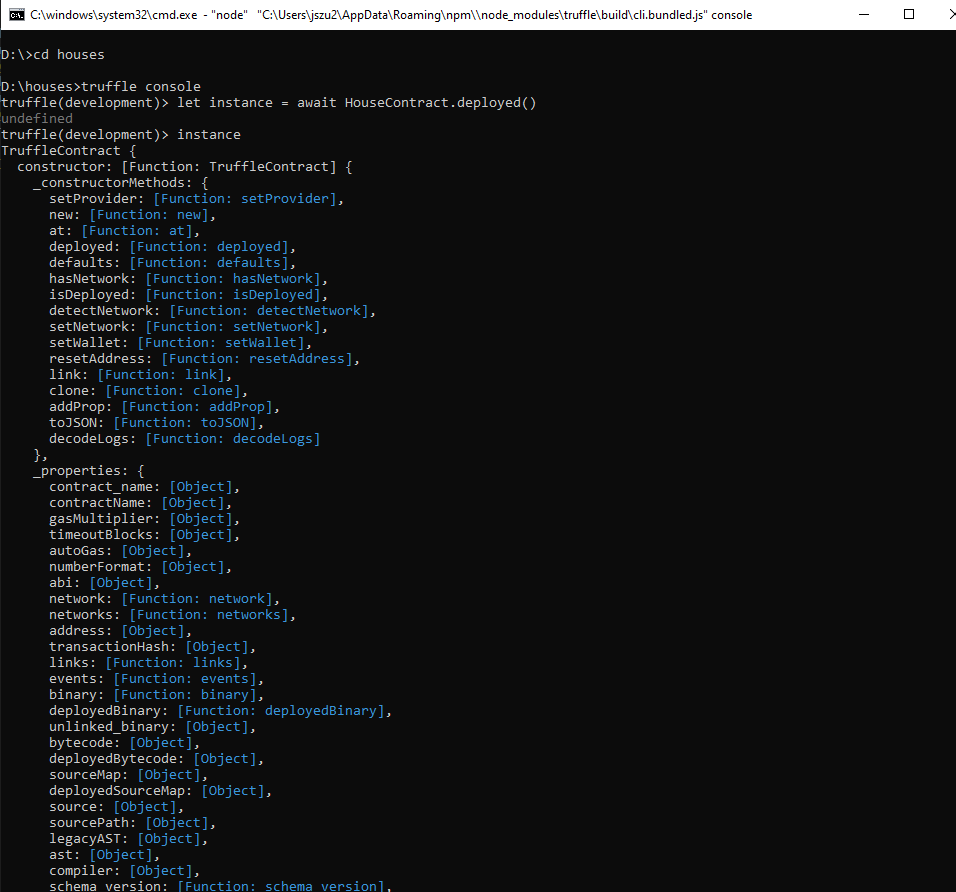








You can use **truffle console** command to lookup stored ipfs houseHash value (string) inside of smart contract.



**You can look up blockchain transactions using Ganache TRANSCATIONS tab**

