**Truffle Smart Contract documentation**

**Video 1**

Step 1: npm install truffle

Step 2: npx truffle unbox (alternative to npx truffle init. Truffle init did not generate the default files hence used unbox)

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Step3: Created HelloWorld.sol and 3\_helloworld\_migration.js files

Step 4: npx truffle compile

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Step 5: npx truffle develop

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Step 6: truffle migrate

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Step 7: Experimentation/Interacting with the contract

Graphical user interface, text

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**Video 2**

**Modified the HelloWorld.sol and** 3\_helloworld\_migration.js files. Executed steps 4 through 6. The below are the results after interacting with the contract

**A picture containing graphical user interface

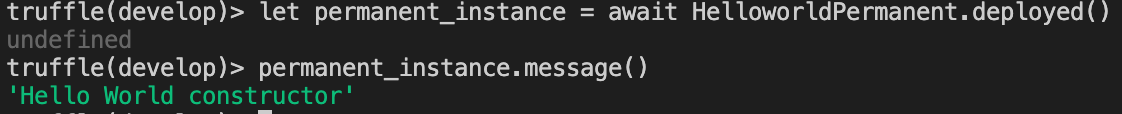
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**Modified HelloWorld.sol to include minimum ether checks**

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Introduced Helloworld2.sol and modified 3\_helloworld\_migration.js accordingly. The results of interacting with the contract:

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**Video 3**

**Wrote unit test cases. The below are the results**

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**Failed scenario**

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**Added more tests**

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**Video 4:**

Moralis Speedy Nodes is not available for free anymore. Hence used Embark to deploy the contract. Added the code associated with it to the config file and deployed the contracts created.

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