Contract: Generate\_Credit\_Card\_Number

Getting started:

1. Go to remix.ethereum.org.

2. Click on the "+" button on the upper left corner of the screen.

3. Name the file name anything appropriate.

4. Copy-paste the code file's contents into the IDE.

Note: Make sure that the compiler version is set to "0.4.24+commit.e67f0147" before trying to run the code, else errors will come.

How to use:

1. Go to the “Run” tab and click on the “Deploy” button.
2. Click on the deployed contract on the lower right side of the IDE.
3. In the “generateRandom” field, enter any alphabetical word under quotes. It could be a name, a place, etc.
4. Click on the “generateRandom” button. If it works, the transaction should be mined and executed successfully.
5. Click on the “getRandomGenerate” button to see the text you’ve inputted plus the generated number.

Context: The behavioral pattern Randomness is set to generate random numbers in the blockchain.