Homework 7

1. For the DogCoinGame contract
    1. Try the static analysis plugins available in Remix against the contract
    2. Analyse the contract with Solidity Metrics in VSCode

Did the results add to your understanding of the contract ?

2. How would you classify the following points from an audit ?

    1. Contract Size Exceeds 24576 Bytes
    2. Strings in require statements can be shortened to reduce gas
    3. The initialise function in an upgradable contract has no access control, and can be called multiple times
    4. The README file is out of date and does not reflect the functionality of the system
    5. The ERC20 approval race vulnerability described here