Hardhat Fund Me

```
1) package.json X
{} package.json > ...
   1
         "name": "hardhat-project",
   2
   3
         "devDependencies": {
           "@nomiclabs/hardhat-ethers": "npm:hardhat-deploy-ethers@^0.3.0-beta.13",
   4
           "@nomiclabs/hardhat-etherscan": "^3.0.0",
   5
           "@nomiclabs/hardhat-waffle": "^2.0.2",
   6
           "chai": "^4.3.4",
   7
           "ethereum-waffle": "^3.4.0",
   8
           "ethers": "^5.5.3",
   9
           "hardhat": "^2.8.3",
 10
           "hardhat-deploy": "^0.9.29",
 11
           "hardhat-gas-reporter": "^1.0.7",
 12
           "solidity-coverage": "^0.7.18",
 13
           "@chainlink/contracts": "^0.3.1",
 14
 15
           "dotenv": "^14.2.0",
 16
           "prettier-plugin-solidity": "^1.0.0-beta.19"
 17
         },
         ▶ Debug
         "scripts": {
 18
           "test": "hardhat test",
 19
 20
           "test:staging": "hardhat test --network rinkeby",
           "lint": "solhint 'contracts/*.sol'",
 21
           "lint:fix": "solhint 'contracts/**/*.sol' --fix",
 22
           "format": "prettier --write .",
 23
           "coverage": "hardhat coverage"
 24
  25
  26
  27
```

```
pragma solidity ^0.8.0;
contract FunWithStorage {
    uint256 favoriteNumber; // Stored at slot 0
    bool someBool; // Stored at slot 1
   uint256[] myArray; /* Array Length Stored at slot 2,
but the objects will be the keccak256(2), since 2 is the storage slot of the array */
    mapping(uint256 => bool) myMap; /* An empty slot is held at slot 3
    uint256 constant NOT IN STORAGE = 123;
    uint256 immutable i_not_in_storage;
    constructor() {
        favoriteNumber = 25; // See stored spot above // SSTORE
        someBool = true; // See stored spot above // SSTORE
        myArray.push(222); // SSTORE
        myMap[0] = true; // SSTORE
        i_not_in_storage = 123;
    function doStuff() public {
        uint256 newVar = favoriteNumber + 1; // SLOAD
        bool otherVar = someBool; // SLOAD
```