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Lesson 4: Remix Fund Me

```
import "@chainlink/contracts/src/v0.8/interfaces/AggregatorV3Interface.sol";
import "./PriceConverter.sol";

error NotOwner();

contract FundMe {
    using PriceConverter for uint256;
    mapping(address => uint256) public addressToAmountFunded;
    address[] public funders;

// Could we make this constant? /* hint: not We should make it immutable! */
    address public /* immutable */ i_owner;
    uint256 public constant MINIMUM_USD = 50 * 10 ** 18;

constructor() {
    i_owner = msg.sender;
}

function fund() public payable {
    require(msg.value.getConversionRate() >= MINIMUM_USD, "You need to spend more ETH!");
    // require(priceConverter.getConversionRate(msg.value) >= MINIMUM_USD, "You need to spend more ETH!");
    addressToAmountFunded[msg.sender] += msg.value;
    funders.push(msg.sender);
}

function getVersion() public view returns (uint256){
    AggregatorV3Interface pricefeed = AggregatorV3Interface(0x8A753747A1Fa494EC906cE90E9f37563A8AF630e);
    return priceFeed.version();
}

modifier onlyOwner {
    // require(msg.sender == owner);
    if (msg.sender != i_owner) revert NotOwner();
        _;
    }

function withdraw() payable onlyOwner public {
    for (uint256 funderIndex=0; funderIndex < funders.length; funderIndex++){</pre>
```

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.7;

contract FallbackExample {
    uint256 public result;

    // Fallback function must be declared as external.
    fallback() external payable {
        result = 1;
    }

    receive() external payable {
        result = 2;
    }
}
```

```
1  // SPDX-License-Identifier: MIT
2  pragma solidity ^0.6.0;
3
4  contract SafeMathTester{
5    uint8 public bigNumber = 255; // unchecked
6
7    function add() public {
8        bigNumber = bigNumber + 1;
9    }
10 }
```

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