**Msg Sender Explained**

**Introduction:**

In this lesson, we will learn how to track addresses that are funding the contract and the amounts they will send to it.

**Tracking Funders:**

To track the addresses are sending money to the contract, we can create an array of addresses named `funders`:

address[] public funders;

Whenever someone sends money to the contract, we will add their address to the array with the `push` function:

funders.push(msg.sender);

The `msg.sender` global variable refers to the address that initiates the transaction.

**Mapping Users to Funds Sent:**

We can also map each funder’s address to the amount they have sent using mappings. Let’s define a mapping in Solidity:

mapping(address => uint256) public addressToAmountFunded;

The `addressToAmountFunded` mapping associates each funder’s address with the total amount they have contributed. When a new amount is sent, we can add it to the user’s total contribution:

addressToAmountFunded[msg.sender] += msg.value;

**Conclusion:**

We have successfully implemented a system to track users who fund the `fundMe` contract. This mechanism records every address that is sending ETH to the contract, and maps the sender's address to the total amount they have contributed.