pragma solidity ^0.4.25;

//Declare contract having the name 'File'.

contract transaction{

//Declare the structure of the contract.

struct TransactionInfo{

string Name\_of\_Sender;

string Name\_of\_Receiver;

uint Amount;

}

address public Sender; //Declare address of Producer in the contract.

//Maping the address with structure of contract.

mapping(address => TransactionInfo) public transactioninfos;

//TransactionInfo[] public savingmap;

//Call a constructor for sending the data.

constructor() public{

Sender = msg.sender;

}

//Set the permission

modifier onlySender(){

require(msg.sender == Sender,

"Only Sender can set these parameteres."

);

\_;

}

//Enable the event of the contract.

event trans(string Name\_of\_Sender, string Name\_of\_Receiver, uint Amount);

//Call a function to set the information in the contract.

function setTransactionInfo(address \_Sender, string Name\_of\_Sender, string Name\_of\_Receiver, uint Amount)

onlySender public{

transactioninfos[\_Sender] = TransactionInfo(Name\_of\_Sender, Name\_of\_Receiver, Amount);

emit trans(Name\_of\_Sender, Name\_of\_Receiver, Amount);

}

}