



Welcome to MetaMask

Connecting you to Ethereum and the Decentralized Web.

We're happy to see you.

Get Started





Help Us Improve MetaMask

MetaMask would like to gather usage data to better understand how our users interact with the extension. This data will be used to continually improve the usability and user experience of our product and the Ethereum ecosystem.

MetaMask will..

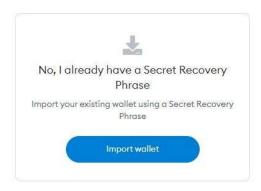
- Always allow you to opt-out via Settings
- Send anonymized click & pageview events
- × Never collect keys, addresses, transactions, balances, hashes, or any personal information
- X Never collect your full IP address
- X Never sell data for profit. Ever!

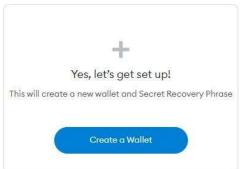


This data is aggregated and is therefore anonymous for the purposes of General Data Protection Regulation (EU) 2016/679. For more information in relation to our privacy practices, please see our Privacy Policy here.



New to MetaMask?







Create Password

New password (8 characters	min)
Confirm password	
✓ I have read and ag	ree to the Terms of Use
Create	



Secret Backup Phrase

Your secret backup phrase makes it easy to back up and restore your account.

WARNING: Never disclose your backup phrase. Anyone with this phrase can take your Ether forever.



Remind me later

Next

Tips:

Store this phrase in a password manager like 1Password.

Write this phrase on a piece of paper and store in a secure location. If you want even more security, write it down on multiple pieces of paper and store each in 2 - 3 different locations.

Memorize this phrase.

Download this Secret Backup Phrase and keep it stored safely on an external encrypted hard drive or storage medium.



< Back

Confirm your Secret Backup Phrase

Please select each phrase in order to make sure it is correct.

burger	buyer	detail	fire
fossil	hold	rain	search
slight	spray	tube	wire



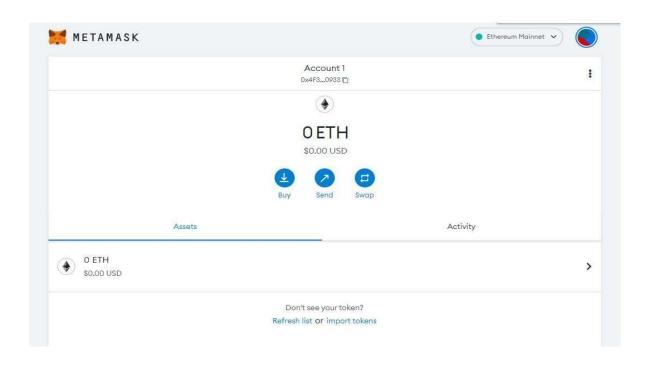
You passed the test - keep your Secret Recovery Phrase safe, it's your responsibility!

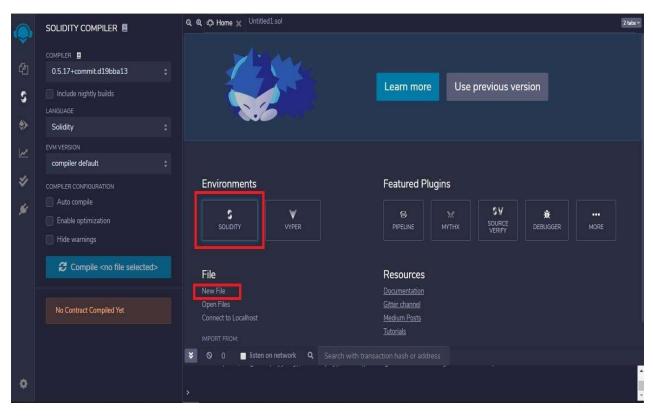
Tips on storing it safely

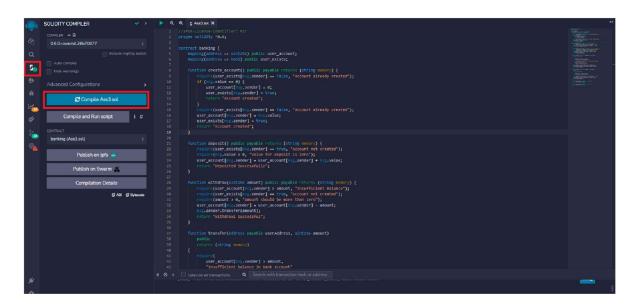
- Save a backup in multiple places.
- Never share the phrase with anyone.
- $\bullet \ \mathsf{Be} \ \mathsf{careful} \ \mathsf{of} \ \mathsf{phishing!} \ \mathsf{MetaMask} \ \mathsf{will} \ \mathsf{never} \ \mathsf{spontaneously} \ \mathsf{ask} \ \mathsf{for} \ \mathsf{your} \ \mathsf{Secret} \ \mathsf{Recovery} \ \mathsf{Phrase}.$
- If you need to back up your Secret Recovery Phrase again, you can find it in Settings -> Security.
- If you ever have questions or see something fishy, contact our support here.

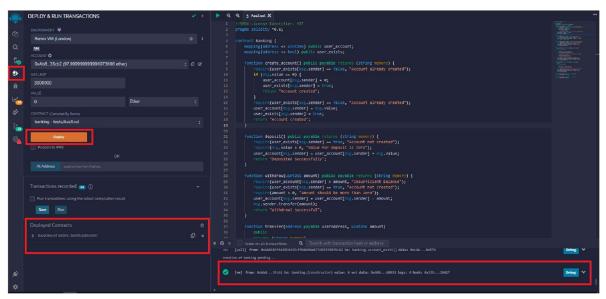
 ${\rm *MetaMask\,cannot\,recover\,your\,Secret\,Recovery\,Phrase.\,Learn\,more.}$

All Done









Code

//SPDX-License-Identifier: MIT

pragma solidity ^0.6;

```
contract banking
  mapping(address=>uint) public user account;
  mapping(address=>bool) public user exists;
  function create account() public payable returns(string memory)
    require(user exists[msg.sender]==false,'Account already created');
    if(msg.value==0)
user account[msg.sender]=0;
user exists[msg.sender]=true;
       return "Account created";
    require(user_exists[msg.sender]==false,"Account already created");
user account[msg.sender]=msg.value;
user exists[msg.sender]=true;
    return "Account created";
  }
  function deposit() public payable returns(string memory)
    require(user exists[msg.sender]==true,"Account not created");
    require(msg.value>0,"Value for deposit is Zero");
user account[msg.sender]=user account[msg.sender]+msg.value;
    return "Deposited Successfully";
  }
  function withdraw(uint amount) public payable returns(string memory)
```

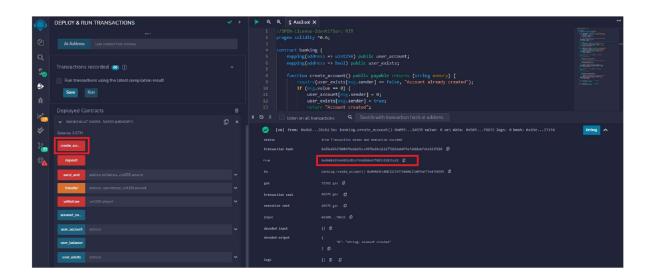
```
require(user account[msg.sender]>amount,"Insufficient Balance");
    require(user exists[msg.sender]==true,"Account not created");
    require(amount>0,"Amount should be more than zero");
user account[msg.sender]=user account[msg.sender]-amount;
msg.sender.transfer(amount);
    return "Withdrawl Successful";
  }
  function transfer(address payable userAddress, uint amount) public returns(string memory)
  {
    require(user account[msg.sender]>amount,"Insufficient balance in Bank account");
    require(user exists[msg.sender]==true,"Account is not created");
    require(user exists[userAddress]==true,"Transfer account does not exist");
    require(amount>0,"Amount should be more than zero");
user account[msg.sender]=user account[msg.sender]-amount;
user account[userAddress]=user account[userAddress]+amount;
    return "Transfer Successful";
  }
  function send amt(address payable toAddress, uint256 amount) public payable returns(string
memory)
  {
    require(user account[msg.sender]>amount,"Insufficeint balance in Bank account");
    require(user exists[msg.sender]==true,"Account is not created");
    require(amount>0,"Amount should be more than zero");
user account[msg.sender]=user account[msg.sender]-amount;
toAddress.transfer(amount);
    return "Transfer Success";
  }
  function user balance() public view returns(uint)
```

```
{
    return user_account[msg.sender];
}

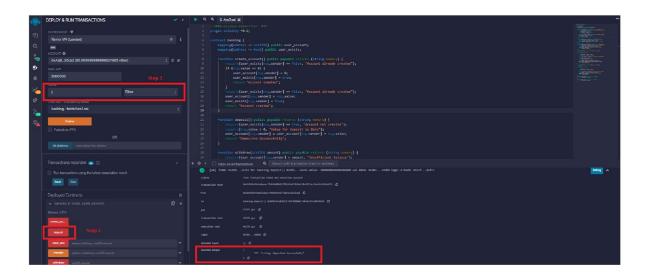
function account_exist() public view returns(bool)
{
    return user_exists[msg.sender];
}
```

Sample Output

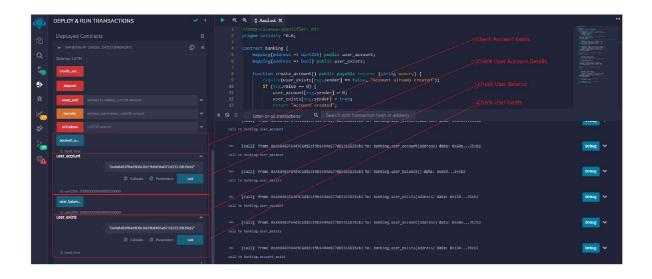
• Create account



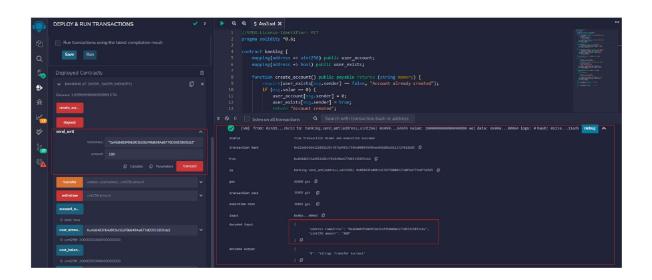
• Deposit Amount



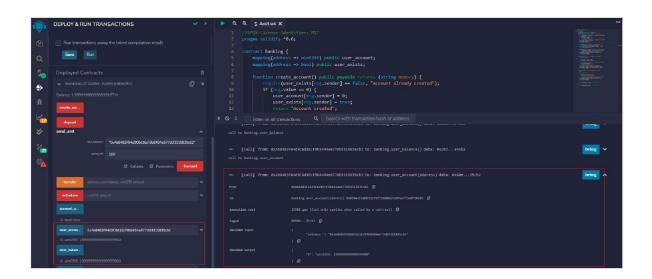
• Check User Exists



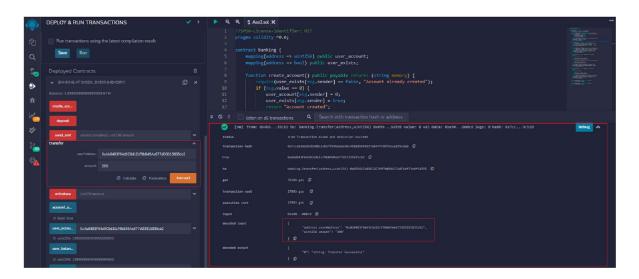
Send Amount



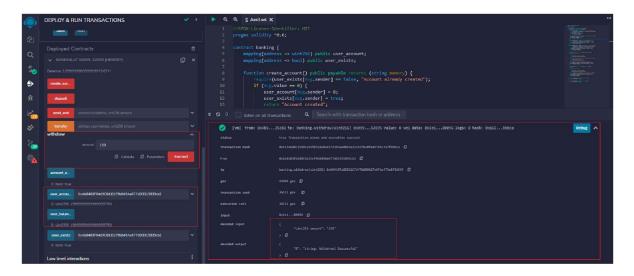
Check User Account Balance

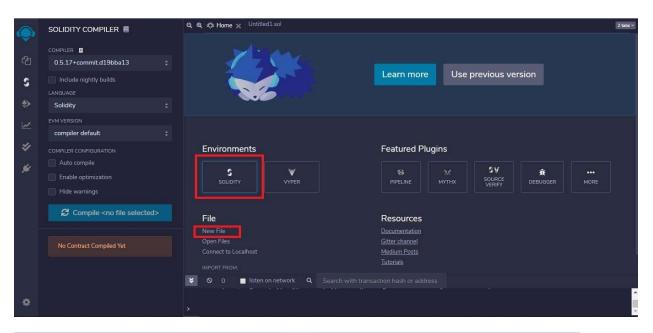


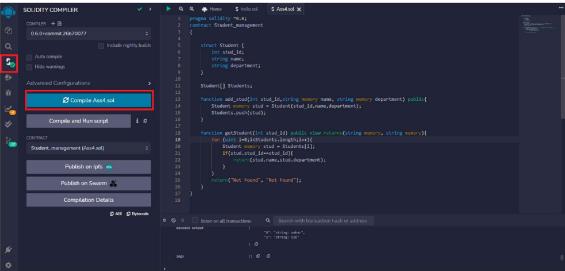
• Transfer Amount and Check User Account Balance



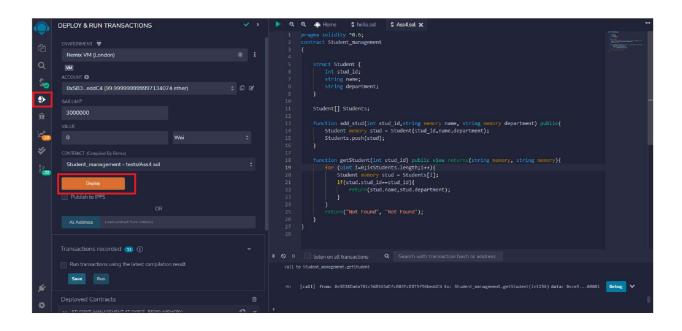
• Withdraw Amount and Check User Account Balance







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Code

```
pragma solidity ^0.6;
contract Student_management
struct Student {
intstud id;
    string name;
    string department;
  }
  Student[] Students;
  function add_stud(intstud_id,string memory name, string memory department) public {
     Student memory stud = Student(stud_id,name,department);
Students.push(stud);
  }
  function getStudent(intstud id) public view returns(string memory, string memory){
     for (uinti=0;i<Students.length;i++){
       Student memory stud = Students[i];
       if(stud.stud_id==stud_id){
         return(stud.name,stud.department);
       }
     }
    return("Not Found", "Not Found");
}
```

Sample Output

