PRACTICAL NO:03

```solidity
//SPDX-License-Identifier:MIT

pragma solidity ^0.8.15;

contract Bank
{
mapping(address=>uint)public userAccount;
mapping(address=>bool)public userExists;
function cresteAcc() public payable returns(string memory)
{
require(userExists[msg.sender]==false,"Account Already Created");
if (msg.value==0)
{
userAccount[msg.sender]=0;
userExists[msg.sender]=true;
return"account created";
}
require(userExists[msg.sender]==false,"account already created");
userAccount[msg.sender]=msg.value;
userExists[msg.sender]=true;
return"account created";
}
function deposit() public payable returns(string memory)
{
require(userExists[msg.sender]==true,"Account is not created");
require(msg.value>0,"value for deposit is zero");
userAccount[msg.sender]=userAccount[msg.sender]+msg.value;
return "Deposited Succesfully";
}
function withdraw(uint amount)public payable returns(string memory)
{
require(userAccount[msg.sender]>amount,"insufficeint balance in bank account");
require(userExists[msg.sender]==true,"Account is not created");
require(amount > 0 ,"Enter non-zero value for withdrawal");
userAccount[msg.sender]=userAccount[msg.sender]-amount;
payable(msg.sender).transfer(amount);


return "withdrawl succesful";
}

function getBalance() public view returns(uint)
{

return userAccount[msg.sender];
}
}
```


OUTPUT

 Welcome to Remix 0.35.1

Your files are stored in indexedDB, 160 KB / 2 GB used

You can use this terminal to:

    Check transactions details and start debugging.
    Execute JavaScript scripts:
     - Input a script directly in the command line interface
     - Select a Javascript file in the file explorer and then run 'remix.execute()' or 'remix.exeCurrent()' in the command line interface
     - Right click on a JavaScript file in the file explorer and then click 'Run'

The following libraries are accessible:

    web3 version 1.5.2
    ethers.js
    remix

Type the library name to see available commands.
>