import inquirer from 'inquirer'

import fs from 'fs'

console.log('welcome to our atm')

let pinRead:string=fs.readFileSync('atmPin.txt', 'utf8')

let atmPin=parseInt(pinRead, 10)

let balanceRead:string=fs.readFileSync('balance.txt', 'utf8')

let balance=parseInt(balanceRead, 10)

let pinInput=await inquirer.prompt([

    {

type:'number',

name:'pin',

message: 'please input your 4 digit pin',

    }

])

let pin=pinInput.pin

while(pin!=atmPin){

    console.log('your entered pin is wrong please enter pin again')

    let pinInput=await inquirer.prompt([

        {

    type:'number',

    name:'pin',

    message: 'please input your 4 digit pin',

        }

    ])

    pin = pinInput.pin

}

let cashWithdrawl=async()=>{                                         //func for cashwithdrawl

    let amountWithdraw=await inquirer.prompt([

        {

    type:'number',

    name:'amount',

    message: 'please enter amount to withdraw',

        }

    ])

   let amount=amountWithdraw.amount

   if(amount>balance){

   console.log('the amount entered is greater then balance, enter again')

   await cashWithdrawl()

   }

   else{

    balance-=amount

    console.log('remaining amount is =',balance)

    fs.writeFileSync('balance.txt', balance.toString())

   }

   }

let balanceIquirey=()=>{                                             //func for balance inquirey

    console.log('your current balance is', balance)

}

let pinChange=async()=>{                                              //func for pin change

    let newPinInput=await inquirer.prompt([

        {

    type:'number',

    name:'pin',

    message: 'please input your new 4 digit pin',

        }

    ])

    atmPin=newPinInput.pin

    if(atmPin.toString().length!=4)

        {

console.log('please enter 4 digit valid pin')

pinChange()

        }

else

{

    fs.writeFileSync('atmPin.txt', atmPin.toString())                    // Write the variable's value to a text file

console.log('Your PIN has been changed successfully.')

}

}

            let input=await inquirer.prompt([

        {

    type:'list',

    name:'option',

    message: 'please select from the following option',

    choices:['cash withdrawl','balance inquirey','pin change'],

        },

    ])

    if(input.option=='cash withdrawl')

        {

            console.log('enter amount is correct')

            await cashWithdrawl()

        }

        else if(input.option=='balance inquirey')

            {

                balanceIquirey()

            }

            else if(input.option=='pin change')

                {

                    pinChange()

                }

                console.log('press `y` to go to main menu and `N` to exit')

**NEW**

import inquirer from 'inquirer'

import fs from 'fs'

console.log('welcome to our atm')

let pinRead:string=fs.readFileSync('atmPin.txt', 'utf8')

let atmPin=parseInt(pinRead, 10)

let balanceRead:string=fs.readFileSync('balance.txt', 'utf8')

let balance=parseInt(balanceRead, 10)

let pinInput=await inquirer.prompt([

    {

type:'number',

name:'pin',

message: 'please input your 4 digit pin',

    }

])

let pin=pinInput.pin

while(pin!=atmPin){

    console.log('your entered pin is wrong please enter pin again')

    let pinInput=await inquirer.prompt([

        {

    type:'number',

    name:'pin',

    message: 'please input your 4 digit pin',

        }

    ])

    pin = pinInput.pin

}

let cashWithdrawl=async()=>{                                         //func for cashwithdrawl

    let amountWithdraw=await inquirer.prompt([

        {

    type:'number',

    name:'amount',

    message: 'please enter amount to withdraw',

        }

    ])

   let amount=amountWithdraw.amount

   if(amount>balance){

   console.log('the amount entered is greater then balance, enter again')

   await cashWithdrawl()

   }

   else{

    balance-=amount

    console.log('remaining amount is =',balance)

    fs.writeFileSync('balance.txt', balance.toString())

   }

   }

let balanceIquirey=()=>{                                             //func for balance inquirey

    console.log('your current balance is', balance)

}

let pinChange=async()=>{                                              //func for pin change

    let newPinInput=await inquirer.prompt([

        {

    type:'number',

    name:'pin',

    message: 'please input your new 4 digit pin',

        }

    ])

    atmPin=newPinInput.pin

    if(atmPin.toString().length!=4)

        {

console.log('please enter 4 digit valid pin')

pinChange()

        }

else

{

    fs.writeFileSync('atmPin.txt', atmPin.toString())                    // Write the variable's value to a text file

console.log('Your PIN has been changed successfully.')

}

}

let Selection = async () => {

    let input = await inquirer.prompt([

        {

            type: 'list',

            name: 'option',

            message: 'please select from the following option',

            choices: ['cash withdrawl', 'balance inquirey', 'pin change',]

        }

    ]);

    if (input.option == 'cash withdrawl') {

        console.log('enter amount is correct')

        await cashWithdrawl();

    } else if (input.option == 'balance inquirey') {

        balanceIquirey();

    } else if (input.option == 'pin change') {

        pinChange();

    }

}

await Selection();

let yesNo=async()=>{

    let returnMenu = await inquirer.prompt([

        {

            type: 'list',

            name: 'optionMenu',

            message: 'press `y` to go to main menu and `N` to exit',

            choices: ['Y', 'N'],

        }

    ])

    let menu = returnMenu.optionMenu

    return menu

}

let menu=await yesNo()

        if (menu == 'Y') {

           while(menu=='Y') {

            await Selection()

            await yesNo()

            if(menu=='N')

                {

                    console.log('thankyou for using this atm')

                }

           }

        }