Display:



Code:

**asyncAwaitSurveyApp.js:**

const {stdin, stdout} = require('process');

const ReadLine = require('readline');

const lineReader = ReadLine.createInterface({

 input: stdin,

 output: stdout

});

function questionPromise(prompt){

 return new Promise((success, failure) => {

 lineReader.question(prompt, (input) => {

 success(input);

 })

 });

}

class Person {

 constructor(firstName, lastName, age) {

 this.firstName = firstName;

 this.lastName = lastName;

 this.age = age;

 }

}

async function run() {

 let firstName = await questionPromise('Enter your first name: ');

 let lastName = await questionPromise('Enter your last name: ');

 let age = await questionPromise('Enter your age: ');

 lineReader.close();

 const person = new Person(firstName, lastName, age);

 console.log(person);

}

run();

**callbackSurveyApp.js:**

const ReadLine = require('readLine');

const lineReader = ReadLine.createInterface({

 input: process.stdin,

 output: process.stdout

});

class Person {

 constructor(firstName, lastName, age){

 this.firstName = firstName;

 this.lastName = lastName;

 this.age = age;

 }

}

let firstName = "";

let lastName = "";

let age = 0;

lineReader.question('Enter your first name: ', (input) => {

 firstName = input;

 lineReader.question('Enter your last name: ', (input) => {

 lastName = input;

 lineReader.question('Enter your age: ', (input) => {

 age = input;

 console.log(new Person(firstName, lastName, age));

 lineReader.close();

 });

 });

});

**promisesSurveyApp.js:**

const { stdin, stdout } = require('process');

const ReadLine = require('readline');

const lineReader = ReadLine.createInterface({

 input : stdin,

 output: stdout

});

function questionPromise(prompt){

 return new Promise((success, failure) =>{

 lineReader.question(prompt, (input) => {

 success(input);

 })

 });

}

class Person {

 constructor(firstName, lastName, age) {

 this.firstName = firstName;

 this.lastName = lastName;

 this.age = age;

 }

}

let firstName;

let lastName;

let age;

questionPromise('Enter your first name: ')

.then(entry => {

 firstName = entry;

 return questionPromise('Enter your last name: ')

}).then(entry => {

 lastName = entry;

 return questionPromise('Enter your age');

}).then(entry => {

 age = entry;

 console.log(new Person(firstName, lastName, age));

})

.catch(err => {

 console.log(err);

})

.finally(() => {

 lineReader.close();

});