## **Module 3 Activity 5: Data Access**

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IFT 458/554: Middleware Programming & Database Security

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**Reusable components to create composite components:-1**

**Utility.js-**

const generateRandomNumber = function (minimum, maximum){

    return Math.floor(Math.random() \* (maximum-minimum))+minimum;

}

console.log(generateRandomNumber(10,100))

**Output-**

A computer screen shot of a black screen

Description automatically generated

**generateRandomNumber used in index.js-**

**index.js-**

import \* as Game from './utility.js'

console.log(Game.generateRandomNumber(10,100))

**Screenshot-**

A screenshot of a computer

Description automatically generated

**Running Both files-**

**Index.js-**

import \* as Game from './utility.js'

console.log(`from index ${Game.generateRandomNumber(10,100)}`)

**utility.js-**

export const generateRandomNumber = function (minimum, maximum){

    return Math.floor(Math.random() \* (maximum-minimum))+minimum;

}

console.log(`from Utility ${generateRandomNumber(10,100)}`);

**Output Screenshot-**

**A screenshot of a computer

Description automatically generated**

**Using Importing External Modules (third-party modules) -**

**A screenshot of a computer

Description automatically generated**

**Data Formats and Data Exchange-**

**A computer screen shot of a program code

Description automatically generated**

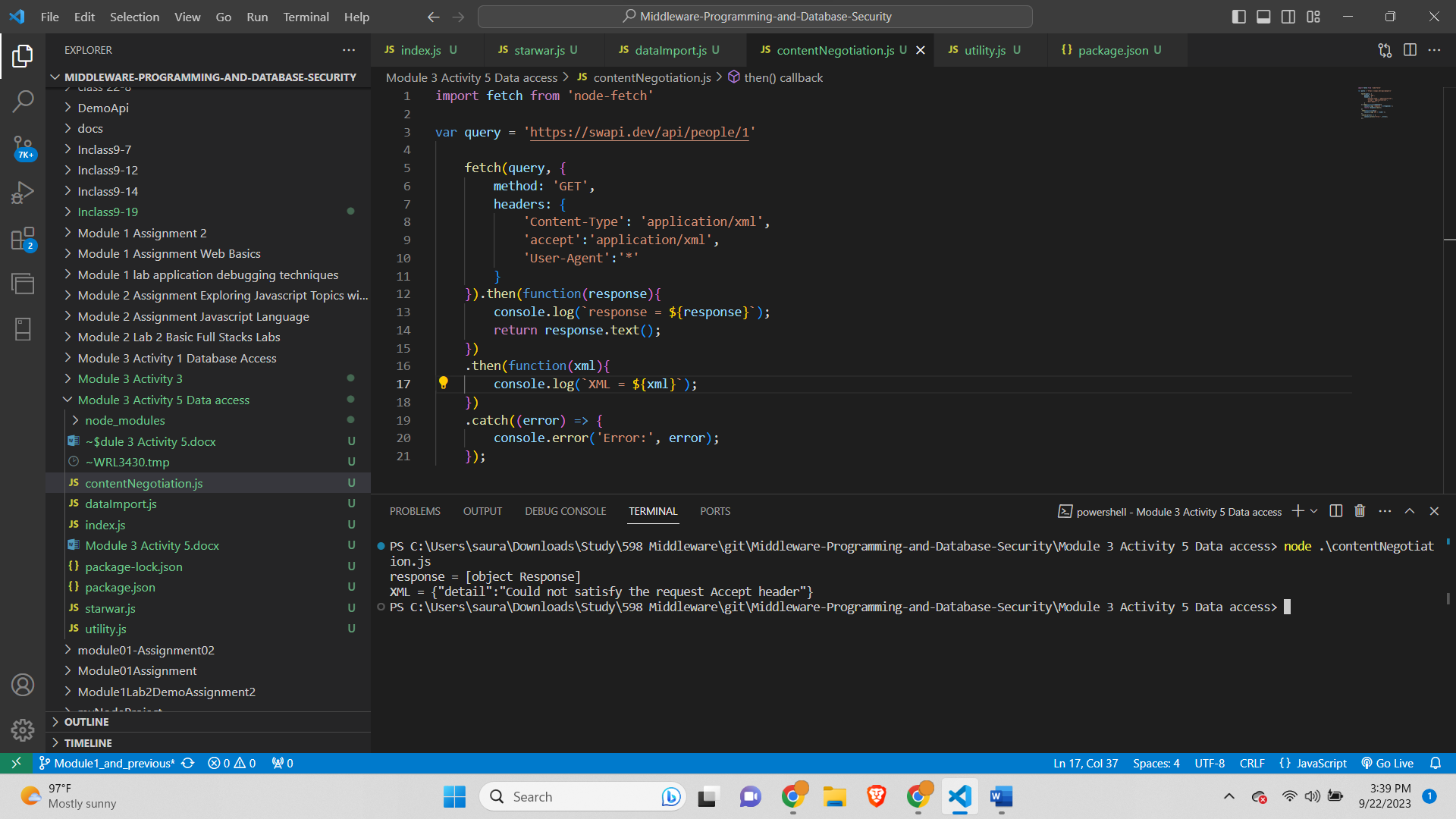
**Asynchronous block code-**

**A computer screen shot of a program

Description automatically generated**

**Content Negotiation-**

**Could not satisfy request accept header-**

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**Accepting json format-**

**A computer screen shot of a program

Description automatically generated**