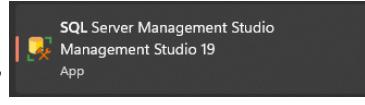
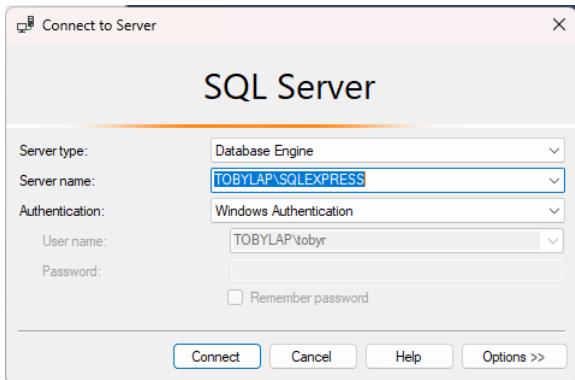


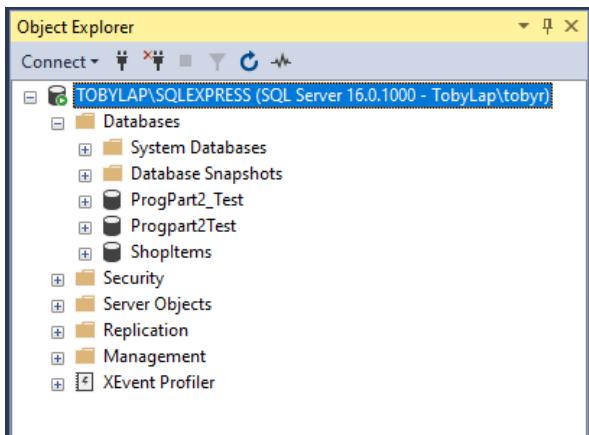
Readme:

First click the windows start  then search for 'SQL Server Management

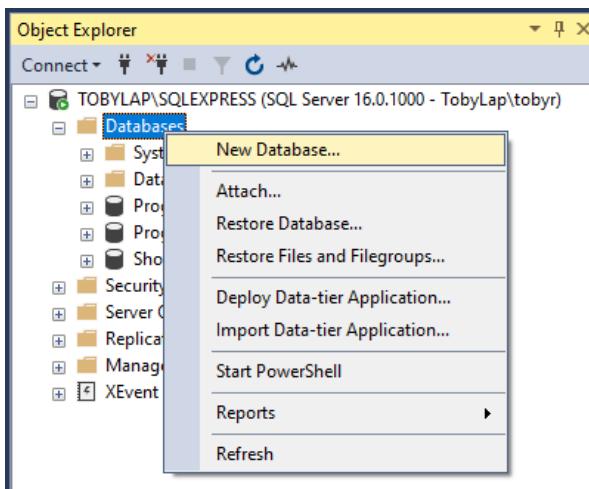
Studio Management Studio 19'  and click it to open it.



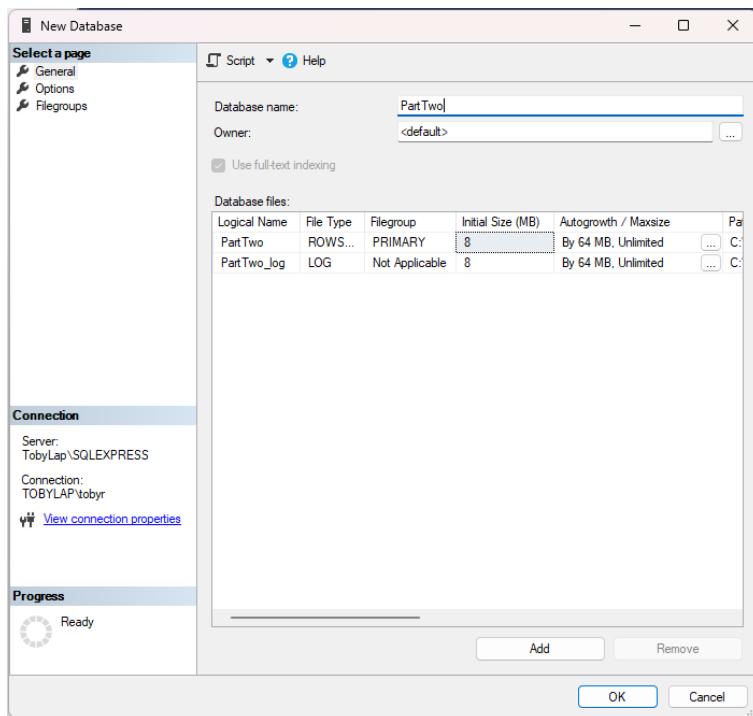
You will now see the following window where you will see server type, server name and authentication, your server name will be different as you will be using a different pc. **MAKE** sure that it ends with \SQLEXPRESS so for mine it's 'TOBYLAP\SQLEXPRESS' your one might not say TOBYLAP. After that click Connect.



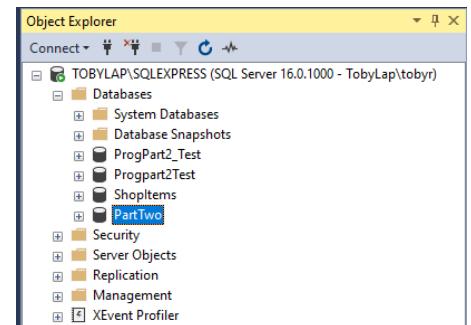
Say Now you will see a list of files click the '-' on the left side of the Databases folder to expand it. Here we will be able to see the databases in our SQL server



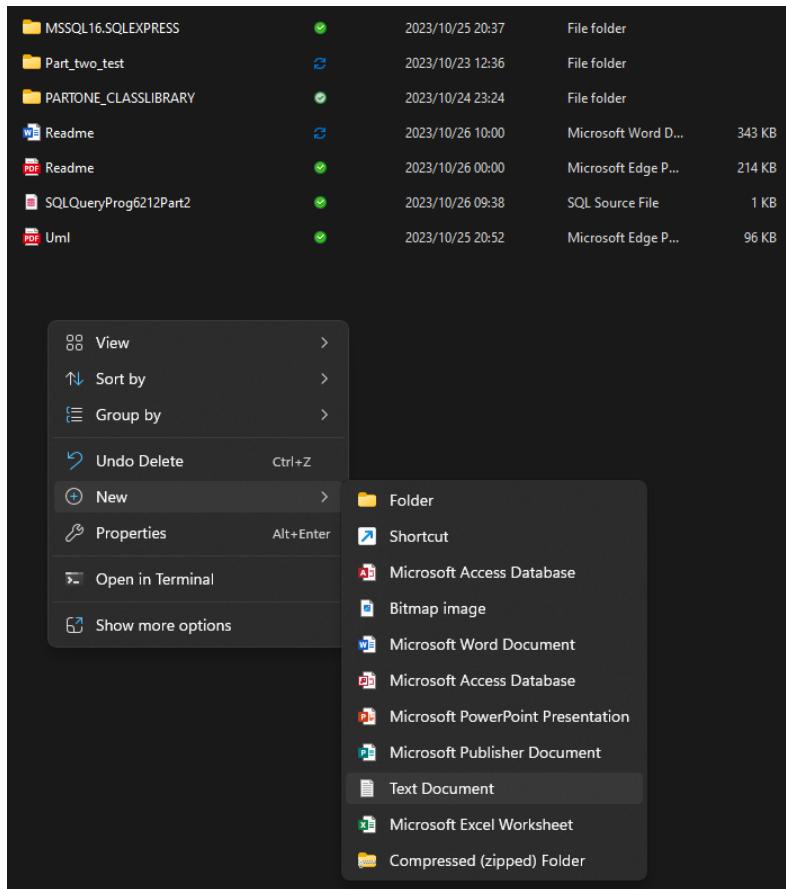
Now Right click  your mouse and click 'New Database...'



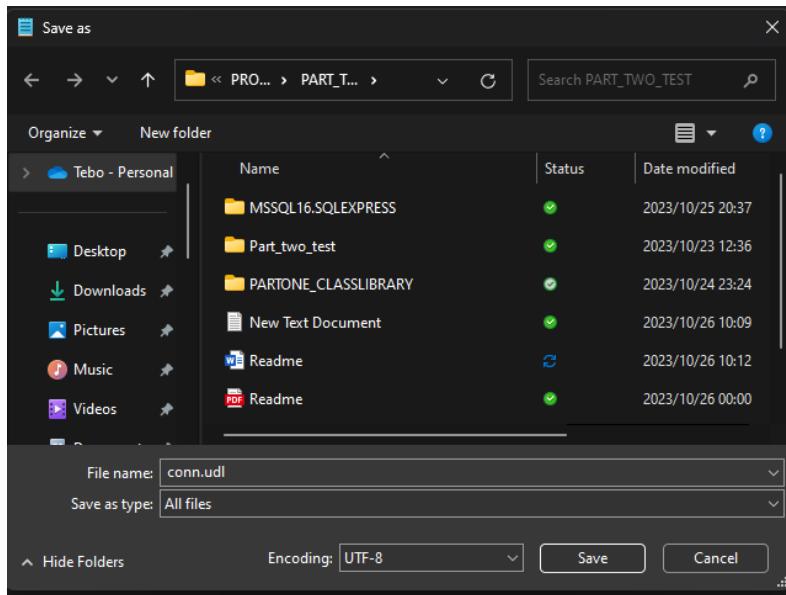
You will now see this page, for the database name will call it 'PartTwo'. Then we will click ok at the bottom of the popup page. You will then see that the databases has been added with our new one example below.



Now open the folder called 'PART_TWO_TEST'

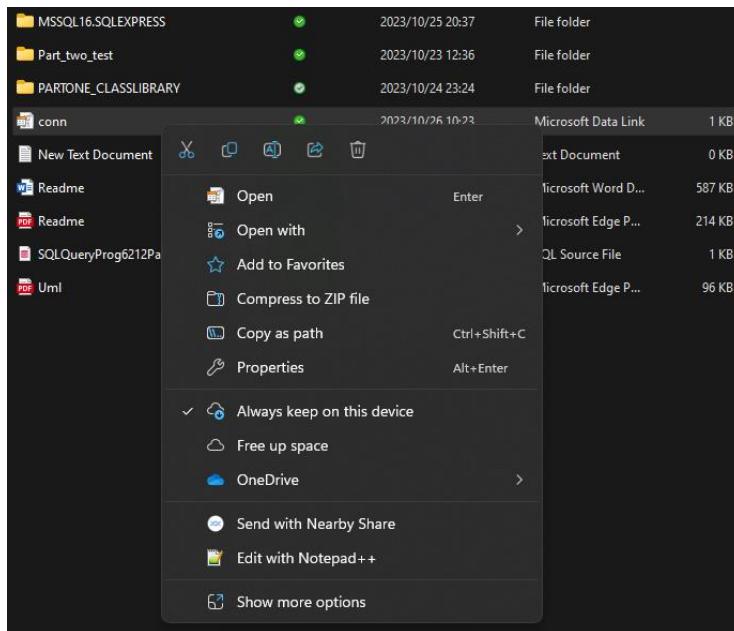
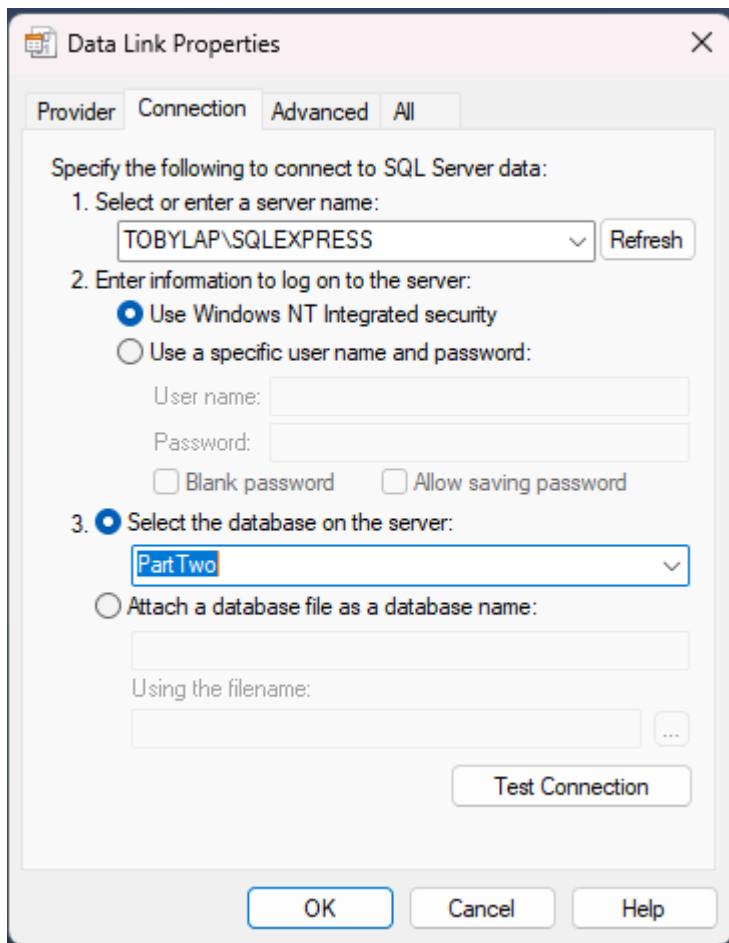


We Create a new file and name it don't name it and just click enter. Now open the folder 'new text document' then at the top left click 'file' then click 'save as'



Now rename the file to 'conn.udl' and **MAKE** sure the save as type is set to all files, then click save. You should see a file that looks like this

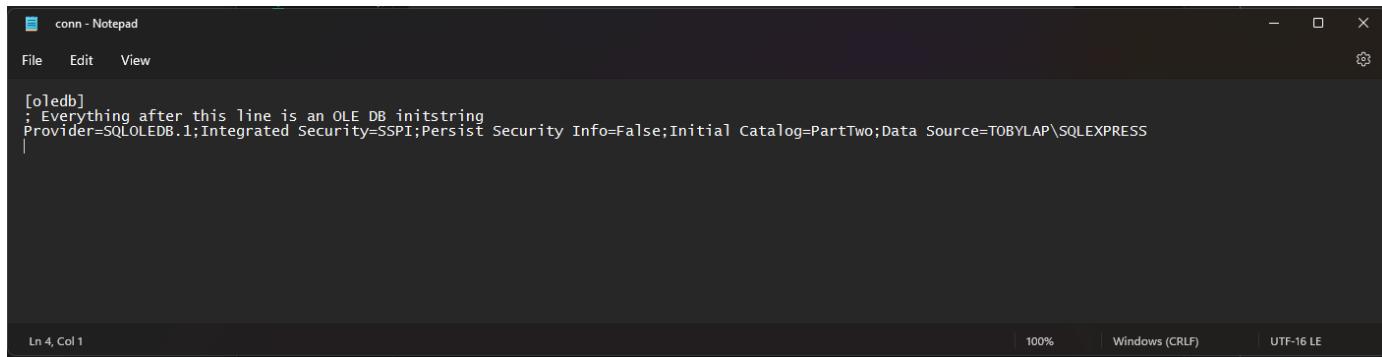
 conn. Now open this conn file.



Notepad Your open notepad folder will look like this .

For the server name you can just close your 'SQL Server Management Studio Management Studio 19' and then reopen it where you will see the same SQL server popup window from earlier. Now copy that server name and paste it into our newly created conn file by 1. Select or enter a server name block. You know it will be correct when the 'Use Windows NT integrated security server' is checked. Now at '3. Select the database server' press the drop-down menu and we will see our created database 'Part two' then click OK.

Right click the conn file  and say then click 'edit with notepad++' or c notepad .



```
[oledb]
; Everything after this line is an OLE DB initstring
Provider=SQLOLEDB.1;Integrated Security=SSPI;Persist Security Info=False;Initial Catalog=PartTwo;Data Source=TOBYLAP\SQLEXPRESS
```

Ln 4, Col 1 | 100% | Windows (CRLF) | UTF-16 LE

Now separate the info in the following way to make it simpler:

Data Source=TOBYLAP\\SQLEXPRESS;

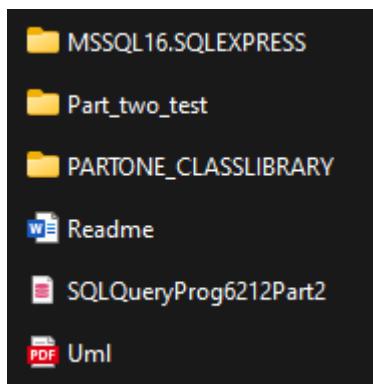
Initial Catalog=PartTwo;

Integrated Security=SSPI

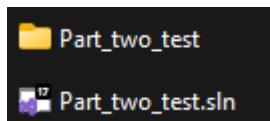
MAKE sure by the SQL EXPRESS you add another \ so that our C# program can read it. After that add them into one line and it should look like the following the difference with you one is that it won't say TOPYLAP. 

Data Source=TOBYLAP\\SQLEXPRESS;Initial Catalog=PartTwo;Integrated Security=SSPI

 Remember this line we are going to use is shortly.



Now click into the file called 'Part_two_test'.



Now click the 'Part_two_test.sln' to open the application.

After the program has loaded click 'MainWindow.xaml.cs'. Now at line 44 it will look like this 

```

43
44    //Connection to the database
        private string connectionString = "Data Source=TOBYLAP\\SQLEXPRESS;Initial Catalog=ProgPart2_Test;Integrated Security=True";

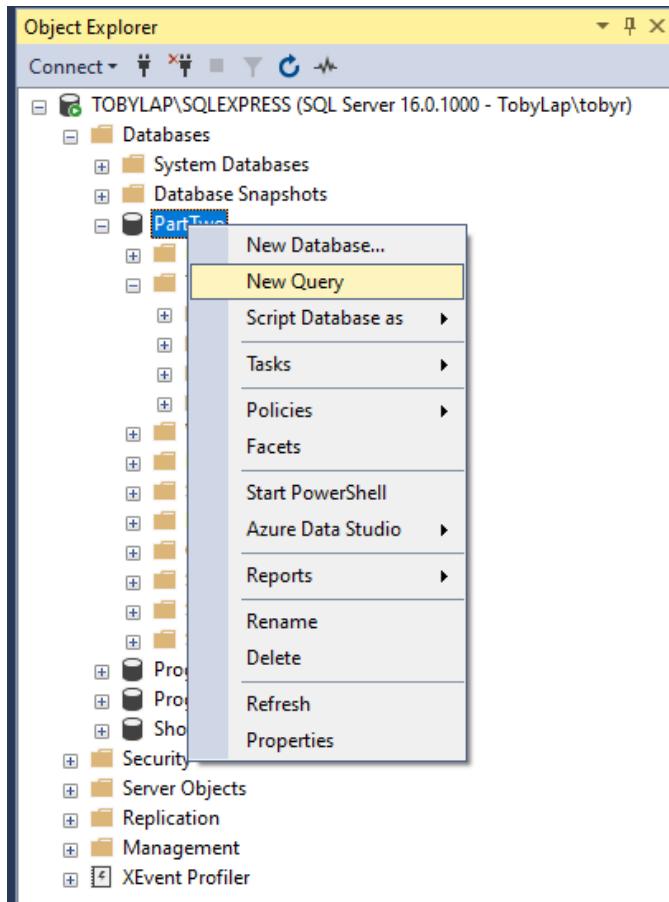
```

Now replace line 44 text inside the “” with our code from earlier and it should now look like this 🤟

```

//Connection to the database
private string connectionString = "Data Source=TOBYLAP\\SQLEXPRESS;Initial Catalog=PartTwo;Integrated Security=SSPI";

```



Almost there, open back up the 'SQL Server Management Studio Management Studio 19' connect and in that databases we will see out PartTwo right click it and click 'New Query'. This will open a query tab where we will now enter the following to create our needed tables. You can find the code in the PART_TWO_TEST folder and its this file SQLQueryProg6212Part2 the code will look like this:

```

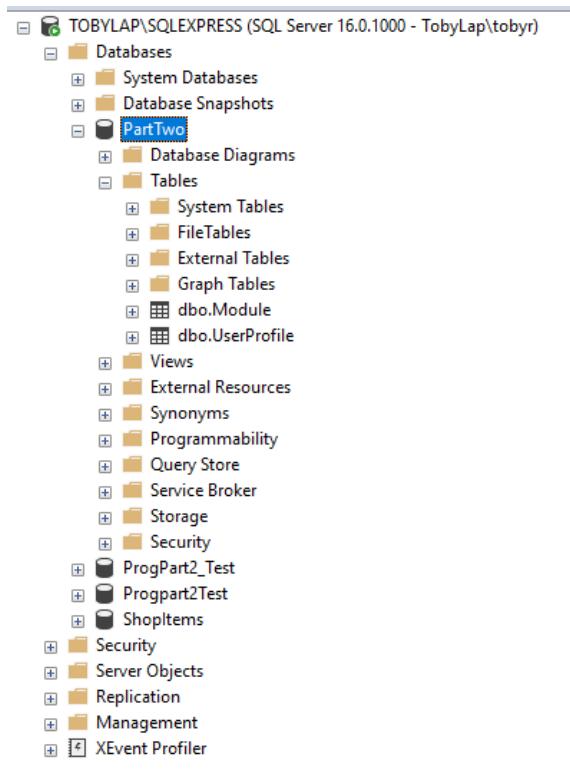
CREATE TABLE UserProfile (
    user_id INT IDENTITY(1,1) PRIMARY KEY,
    Username VARCHAR(50) UNIQUE,
    Password VARCHAR(65)
);

CREATE TABLE Module (
    module_id INT IDENTITY(1,1) PRIMARY KEY,
    module_code VARCHAR(25),
    module_name VARCHAR(100),
    num_credits SMALLINT,
    class_hours_per_week SMALLINT,
    num_weeks_in_semester SMALLINT,
    semester_start_date DATE,
    studied_on_certain_date DATE,
    studied_hours_on_certain_date SMALLINT,
    Self_study_hours smallint,
    Remaining_study_hours smallint,
    userID INT,
    FOREIGN KEY (userID) REFERENCES UserProfile(user_id)
);

```

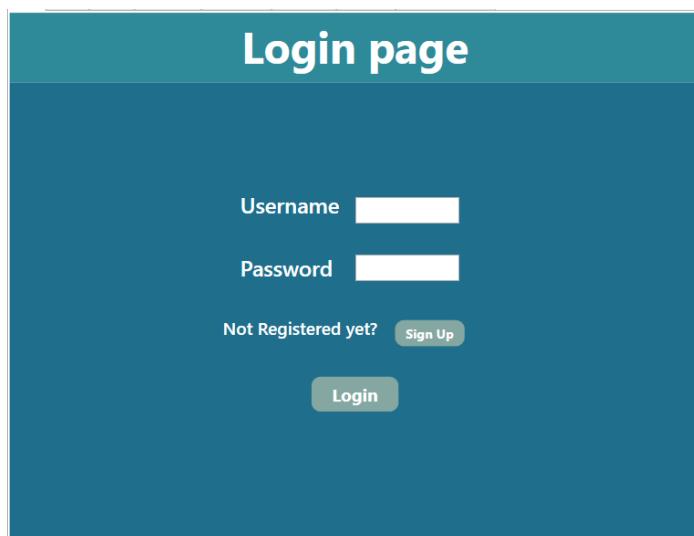
Once you have copied, pasted and executed the code you should get the following message

Messages
Commands completed successfully.
Completion time: 2023-10-26T10:56:21.0024838+02:00



Following When you click the refresh by the object explorer on the left you will then need to open 'PartTwo' then expand tables and you will now see that our database has the new tables in it.

Once the database is connected you can start the run the application by clicking the green start button .



Application The application will load then it will bring you to the login page where the user will be able to log in with their account. If they are not registered, they will then click the sign-up button and be redirected to the signup page.

Sign Up

Username

Password

Already have an account? [Login](#)

[Register](#)

Signup Here you will be able to sign up, simply enter your username and password. When successful you will

SUCCESS X



OK

get this message saying account has been registered and then you will be redirected to the login page where you will not be able to login to the application.

Module

Logout

Code:

Name:

Number of Credits:

Class Hours Per Week:

Number of weeks in semester:

Semester Start Date: 15

Hours Studied On Certain Date:
 15 Eg. 2

[Add Module](#)

[View Modules](#)

This is the home page of the application where you will be able to add your modules. When you want to log out simply click the log out [Logout](#) button and you will be logged out of your account.

Module

Code: PROG6212

Name: Programming 2B

Number of Credits: 15

Class Hours Per Week: 6

Number of weeks in semester: 19

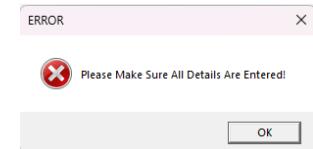
Semester Start Date: 2023/07/31

Hours Studied On Certain Date: 2023/08/03 15 2

Add Module

View Modules

Enter your module, and make sure all fields are entered or you'll get the following error message



if all fields are entered you'll get the following



success message

When you are happy with your modules click the view modules

[View Modules](#) and you will be redirected to the modules page.

List Of Modules

Code	Name	Credits	WeekHours	SemesterWeeks	StartDate	DateStudied	HoursStudied	Selfst
PROG6212	Programming 2B	15	5	15	7/31/2023 12:00:00 AM	8/3/2023 12:00:00 AM	2	5

Here you will be able to view your own modules. Here you will only be able to view your modules. To add more modules click the x button which will be red and you will be redirected back to the modules page where you can add more modules.