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# USER MANUAL

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PROG6212 – POE TASK3- WEB APPLICATION



ST10084726

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## INSTALLTION OF VISUAL STUDIO CODE

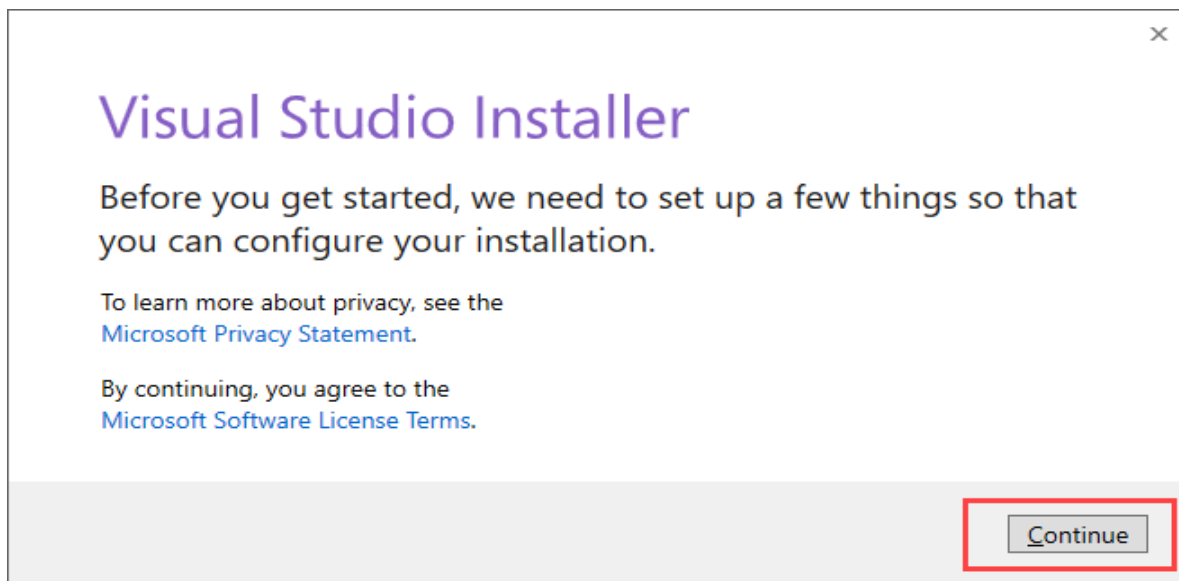
First, visit the following Visual Studio free download link

<https://visualstudio.microsoft.com/downloads/>

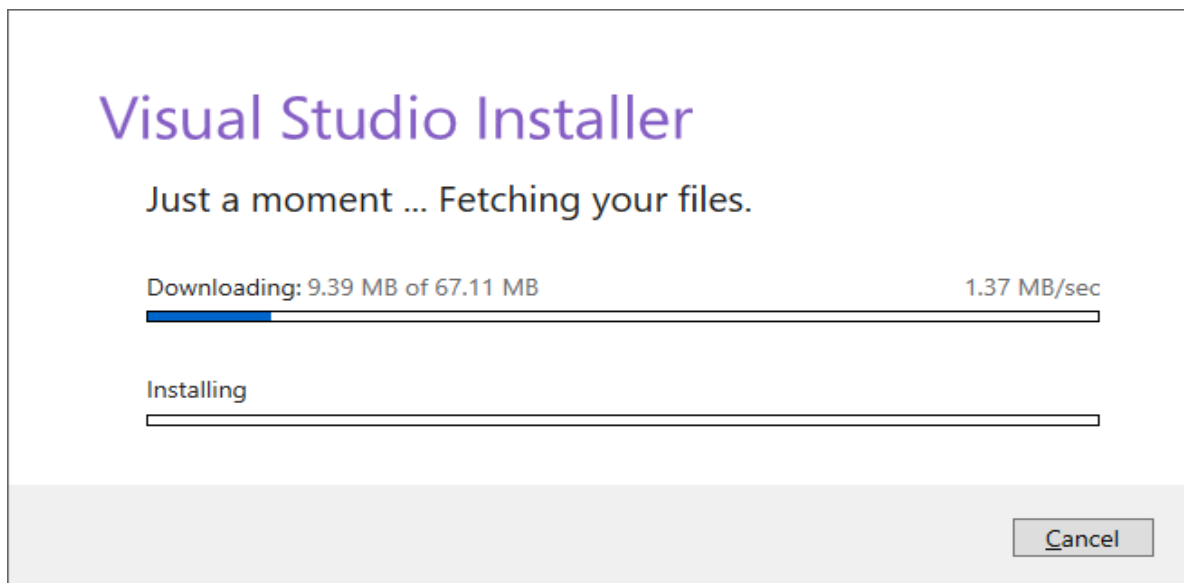
You can select from:

- Visual Studio 2019 Community Edition
- Visual Studio 2019 Professional Edition (30 Day Free Trial)

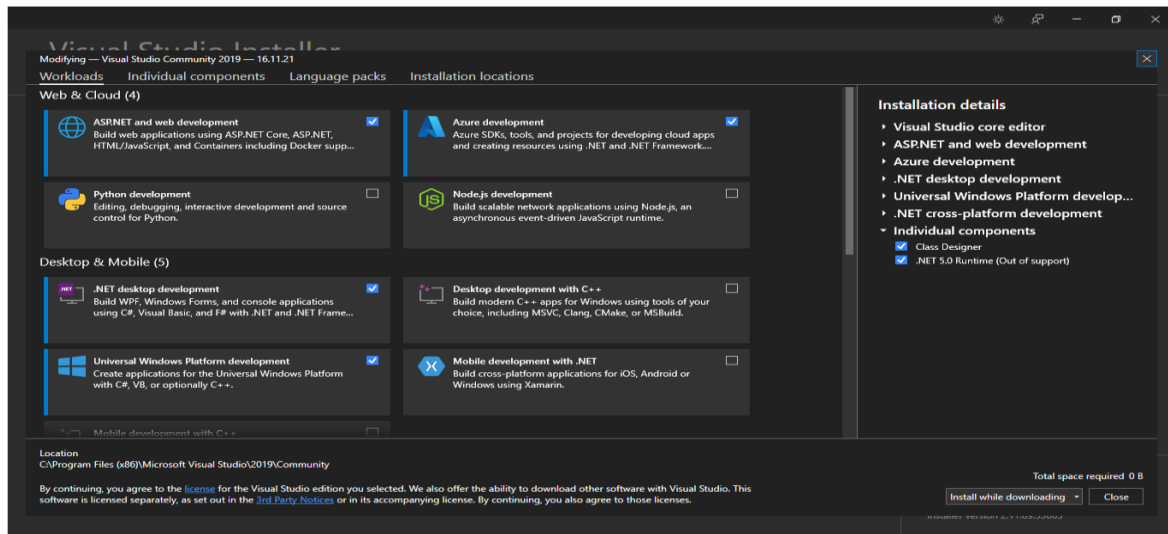
After clicking the downloaded exe file, the screen below will popup. Click continue to begin the Visual Studio installation.



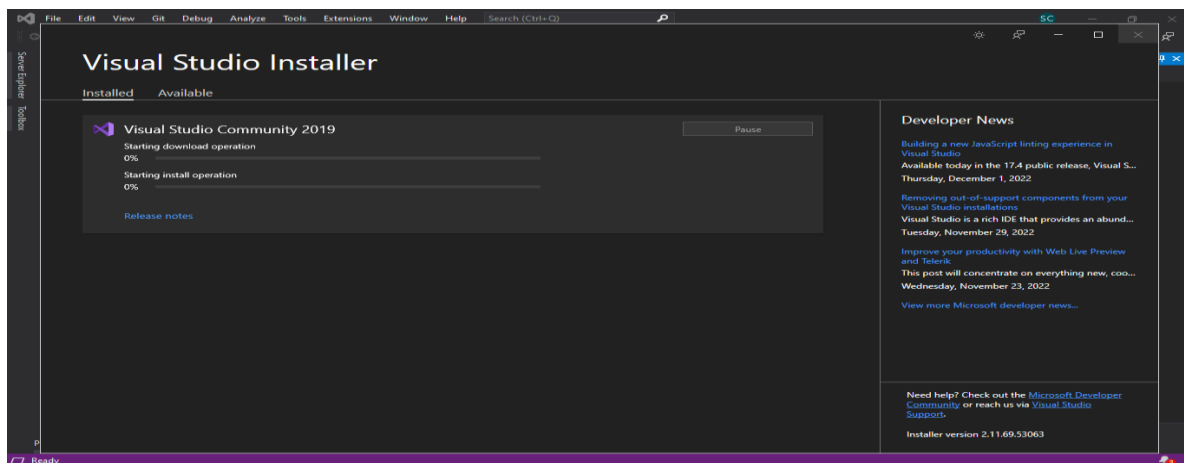
The initial files will begin downloading through Visual Studio. Your internet connection's speed will affect how quickly you download.



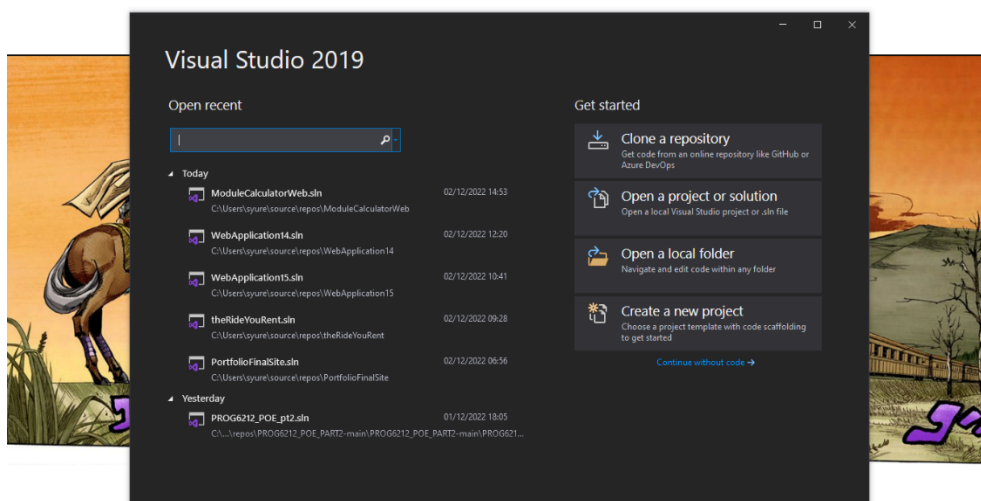
When the installation is complete, you will be brought to this screen, where you can choose from the options below.



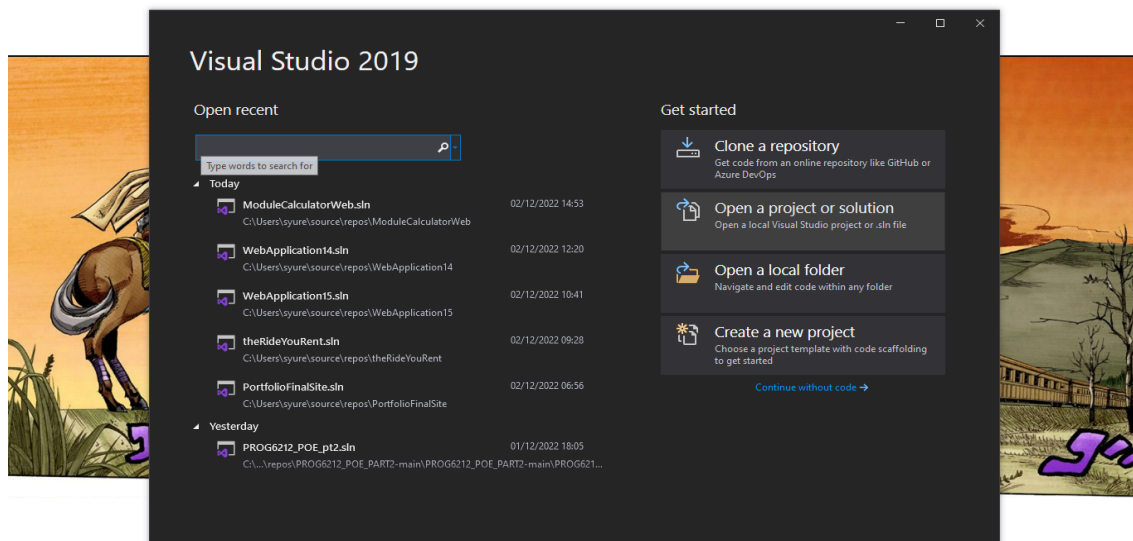
Based on the selection from the previous menu, Visual Studio will download the pertinent files.



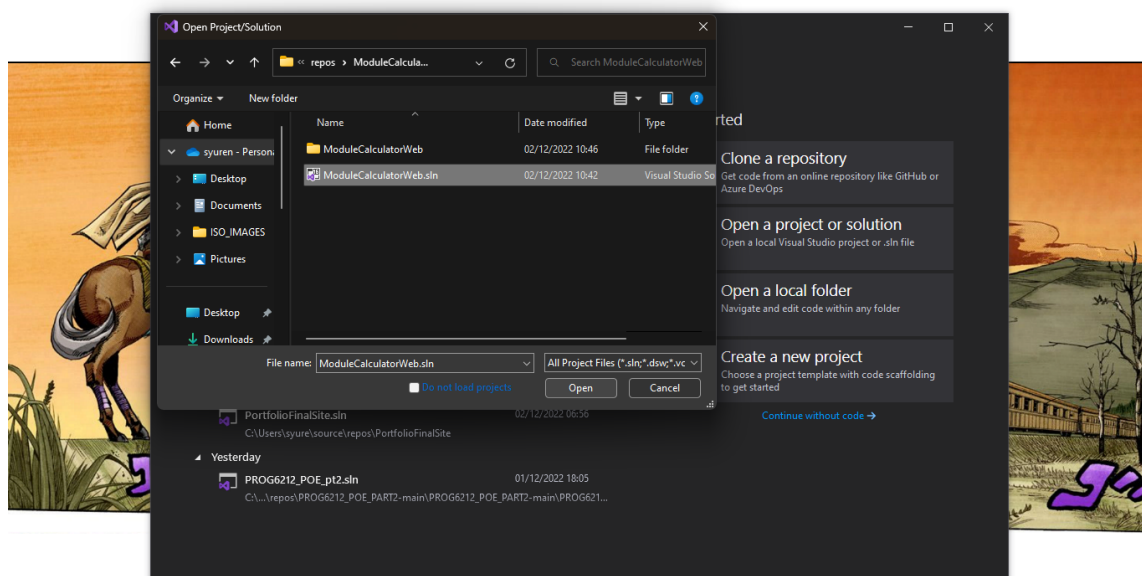
You will be prompted to reboot the computer to finish installing Visual Studio after the download is complete. Upon making a decision, launch the Visual Studio IDE.



## Launching the Visual Studio Code application

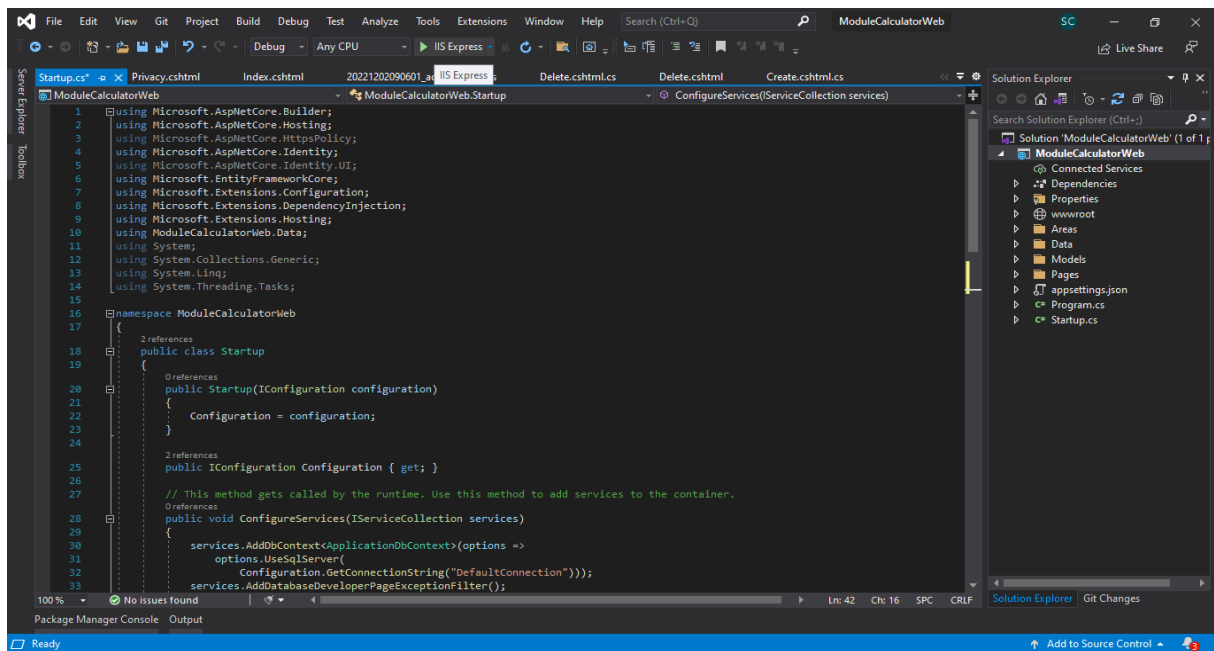


To open an external project, the user will choose "Open a project or solution" located on the right side of the screen.

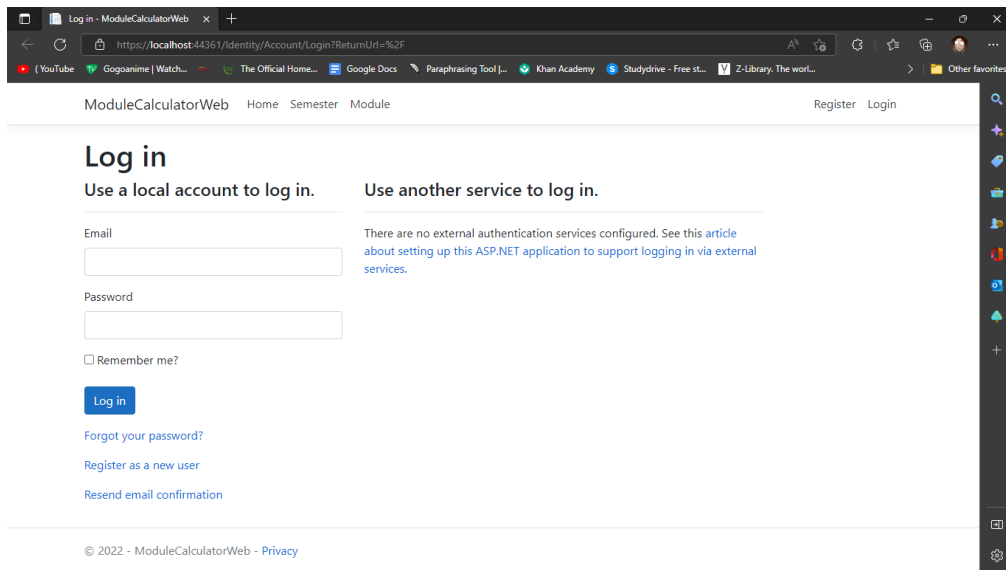


To view the project's source code, find the folder, choose the project's solution, and then press Open.

The user must press F5 or scroll with their mouse and click on the click green arrow icon with IIS Express, which is highlighted by the mouse below, in order to run the program and for the website to open in the user's local web browser. The source code will open and display on the screen as shown below.



## Registering and logging in to the website



The screenshot shows the 'Log in' page of the ModuleCalculatorWeb application. The page has a dark header with the site name and navigation links. The main content area is divided into two sections: 'Use a local account to log in.' and 'Use another service to log in.' The local account section contains input fields for 'Email' and 'Password', a 'Remember me?' checkbox, and a 'Log in' button. Below these are links for 'Forgot your password?', 'Register as a new user', and 'Resend email confirmation'. The external services section contains a message stating that no external authentication services are configured, with a link to an article about setting up external services. The footer shows the copyright year 2022 and a privacy link.

Log in - ModuleCalculatorWeb

https://localhost:44361/Identity/Account/Login?ReturnUrl=%2F

ModuleCalculatorWeb Home Semester Module Register Login

### Log in

Use a local account to log in. Use another service to log in.

Email

Password

☐ Remember me?

Log in

[Forgot your password?](#)

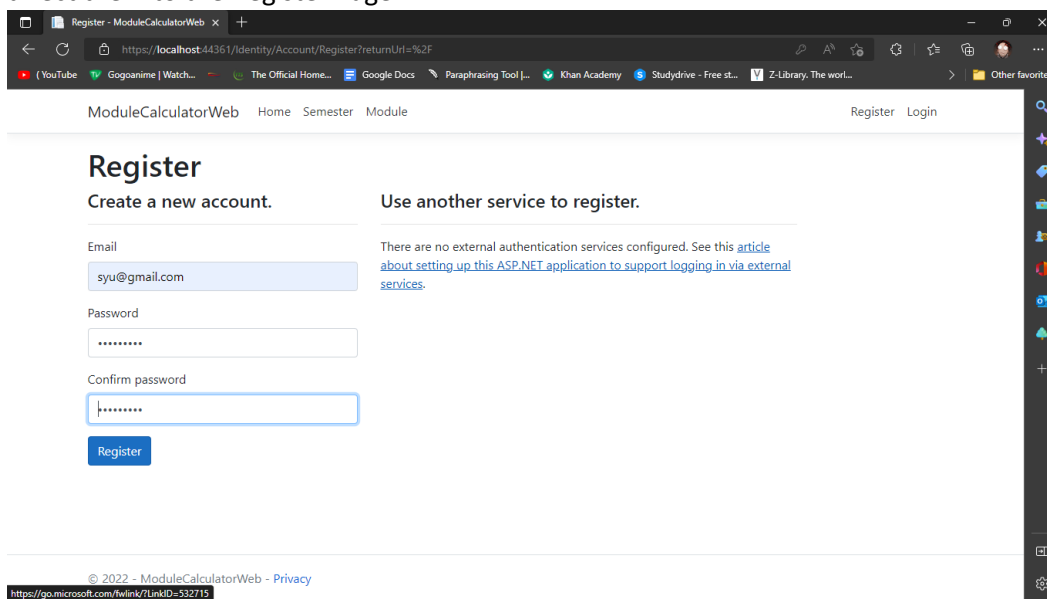
[Register as a new user](#)

[Resend email confirmation](#)

There are no external authentication services configured. See this [article about setting up this ASP.NET application to support logging in via external services.](#)

© 2022 - ModuleCalculatorWeb - [Privacy](#)

This will be the first page our visitors see when the website opens. To access and use the features of the website, a user must first create an account on the site. If a user doesn't already have an account, they must click the blue highlighted text that reads "Register as a new user," which will direct them to the Register Page.



The screenshot shows the 'Register' page of the ModuleCalculatorWeb application. The page has a dark header with the site name and navigation links. The main content area is divided into two sections: 'Create a new account.' and 'Use another service to register.' The 'Create a new account' section contains input fields for 'Email' (with the value 'syu@gmail.com'), 'Password', and 'Confirm password', and a 'Register' button. The 'Use another service to register' section contains a message stating that no external authentication services are configured, with a link to an article about setting up external services. The footer shows the copyright year 2022, a privacy link, and a URL to a Microsoft link ID.

Register - ModuleCalculatorWeb

https://localhost:44361/Identity/Account/Register?returnUrl=%2F

ModuleCalculatorWeb Home Semester Module Register Login

### Register

Create a new account. Use another service to register.

Email

syu@gmail.com

Password

Confirm password

Register

There are no external authentication services configured. See this [article about setting up this ASP.NET application to support logging in via external services.](#)

© 2022 - ModuleCalculatorWeb - [Privacy](#)

<https://go.microsoft.com/fwlink/?LinkID=322715>

To create an account on our website, the user must fill out the fields for their email address, password, and confirmation of the password previously entered.

ModuleCalculatorWeb Home Semester Module Register Login

## Register

Create a new account.

- Passwords must have at least one uppercase ('A'-'Z').

Email

Password

The Password field is required.

Confirm password

[Register](#)

Use another service to register.

There are no external authentication services configured. See this [article](#) about setting up this ASP.NET application to support logging in via external services.

© 2022 - ModuleCalculatorWeb - [Privacy](#)

A red text message will appear by each field informing the user of the problem with what they have entered and the requirements they must meet in order to register an account and use our website if the user leaves either of these fields blank or if their password does not meet our requirements.

ModuleCalculatorWeb Home Semester Module Register Login

## Register

Create a new account.

- Passwords must have at least one uppercase ('A'-'Z').

Email

Password

Confirm password

[Register](#)

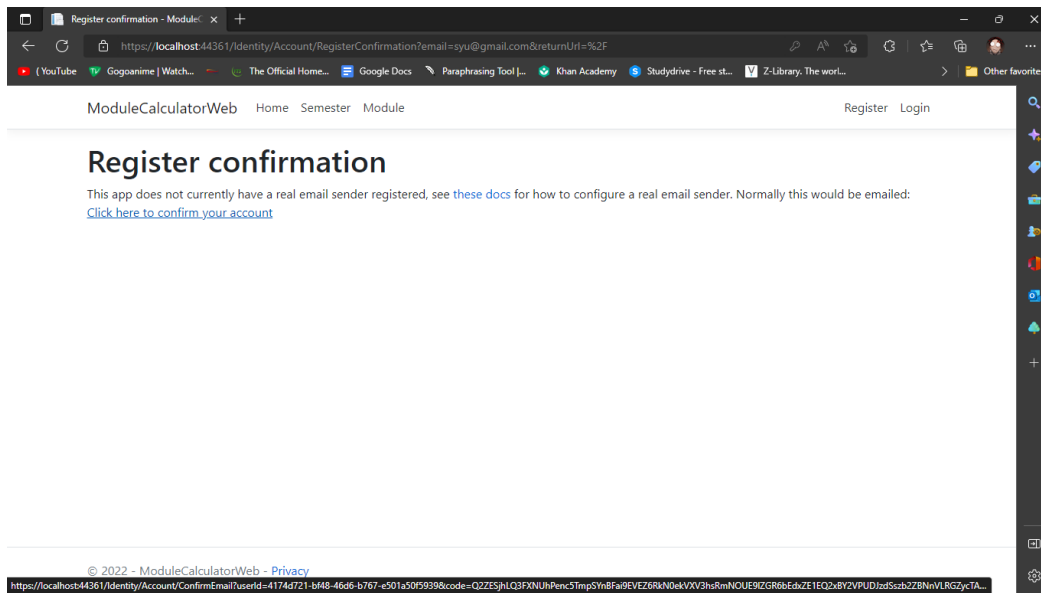
Use another service to register.

There are no external authentication services configured. See this [article](#) about setting up this ASP.NET application to support logging in via external services.

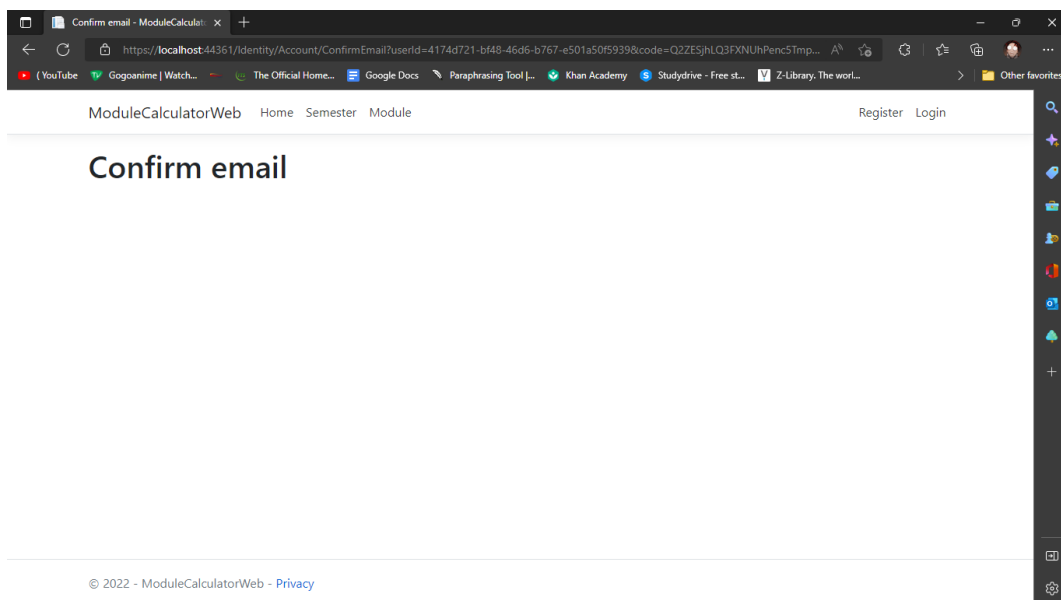
© 2022 - ModuleCalculatorWeb - [Privacy](#)

The user can hide or reveal their password while typing by clicking the eye icon on the tab where they are entering or confirming their password.





The user must click the blue text highlighted "Click here to confirm your account" after clicking the blue register button, which will take them to this page where they must complete their registration.



This page will indicate that your registration has been accepted, and the user can log in to the website from there.

Log in - ModuleCalculatorWeb x +

https://localhost:44361/identity/Account/Login

ModuleCalculatorWeb Home Semester Module Register Login

## Log in

**Use a local account to log in.**

Email

syu@gmail.com

Password

.....

☐ Remember me?

Log in

[Forgot your password?](#)

[Register as a new user](#)

[Resend email confirmation](#)

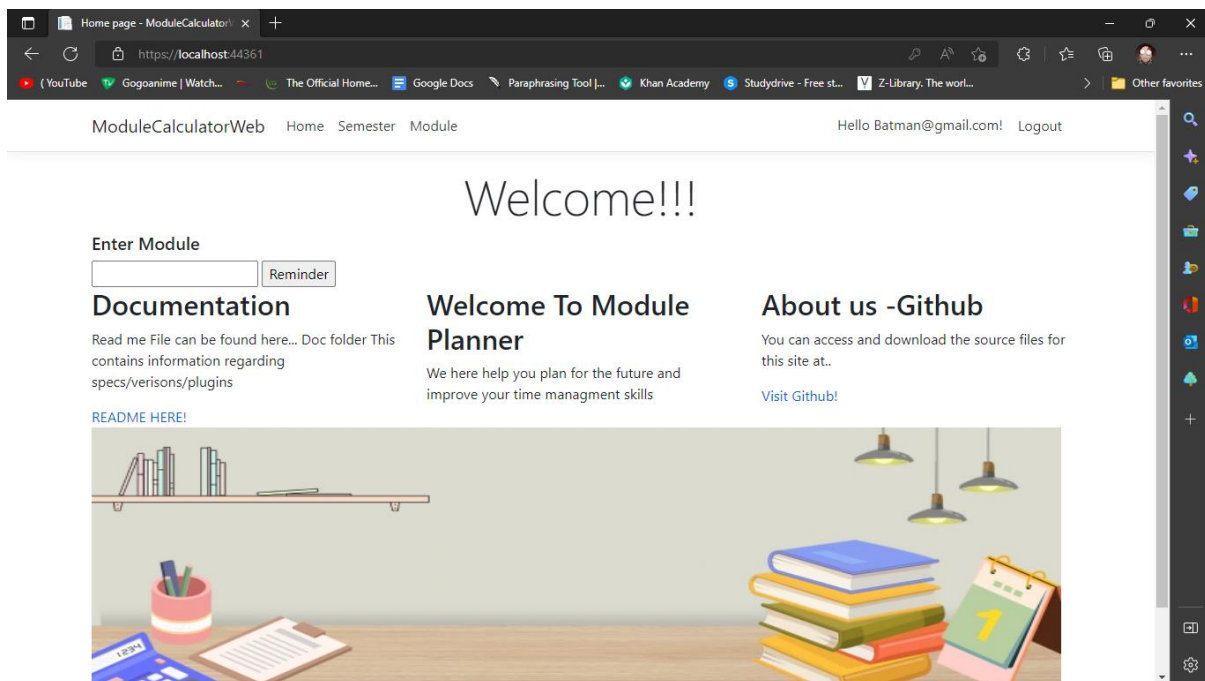
**Use another service to log in.**

There are no external authentication services configured. See this [article](#) about setting up this ASP.NET application to support logging in via external services.

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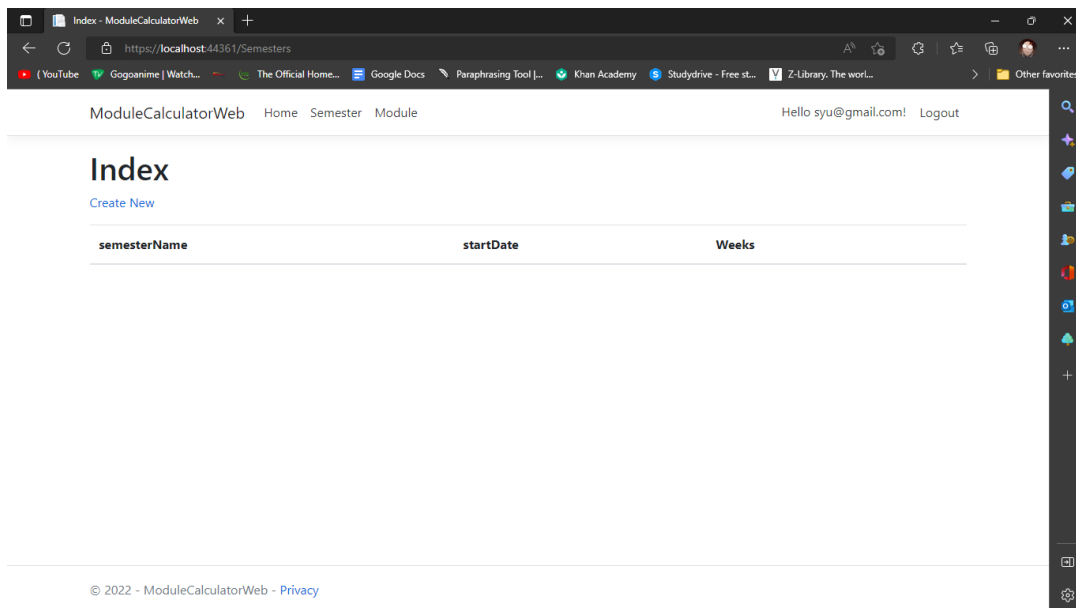
The user must provide the same email address and password they used during registration in order to log in to the website. By selecting the eye icon on the password textbox, the user can choose whether to show or hide their password. By selecting the checkbox next to the words "Remember me?" the user can limit the number of times they need to log into the website. This will allow the user to just enter the website without being prompted for their login information. The user can easily change their password by clicking the "Forgot your password?" link that is displayed in blue if they have forgotten the one, they used to register. The user can create a new account by clicking the blue text that is highlighted, "Register as a new user," where they will be required to follow the same registration steps as before. Your registration on the website will be confirmed when you click "Resend email confirmation."

# Home Page

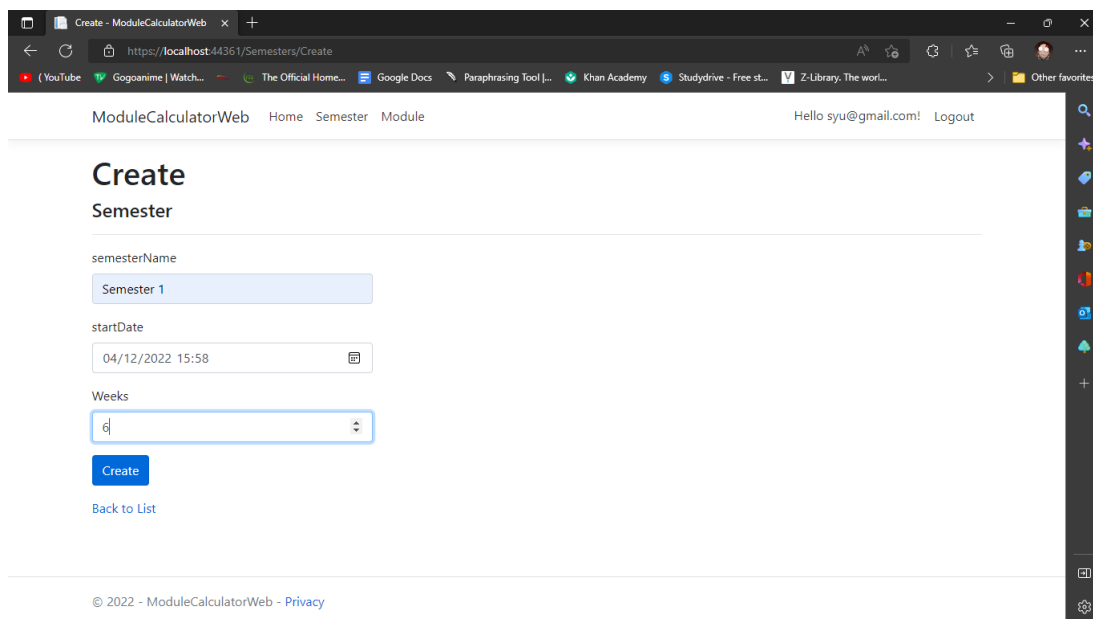


This is the website's main page, where a user's icon indicating that they are using the site and logged in may be seen in the top right corner. A link with the blue word "README HERE!" under "Documentation" leads to the project's read-me file, which includes details on the project's specifications, versions, plugins, and troubleshooting procedures. The "About us - Github" page gives users access to the project's source code, which they may download and run on their own computers if they have Visual Studio installed. The "Semester" tab will take the user to the Semester page, and the "Module" tab will similarly take the user to the Module page, using the top left tab bar to navigate to the various website pages.

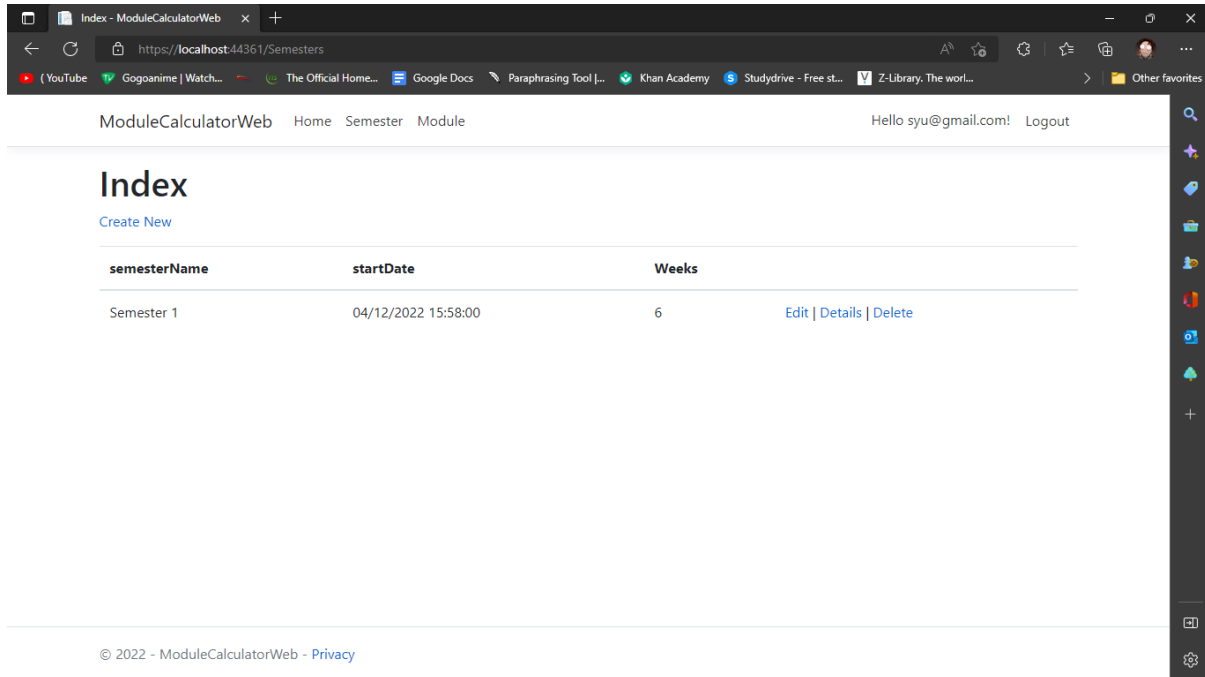
## Semester Page



To enter this page the user will click on the “Semester” tab on the top left. The user can create a new semester value here on the semester page, where it will be displayed. To create a new submission for semester by clicking the blue text “Create New” and it will take you to the page shown below where the user will have to fill in the details to create a new semester.



When the user is satisfied with the information they have filled out, they can click the blue "Create" button. The user will need to enter the semester name, which typically refers to the semester they are currently in.



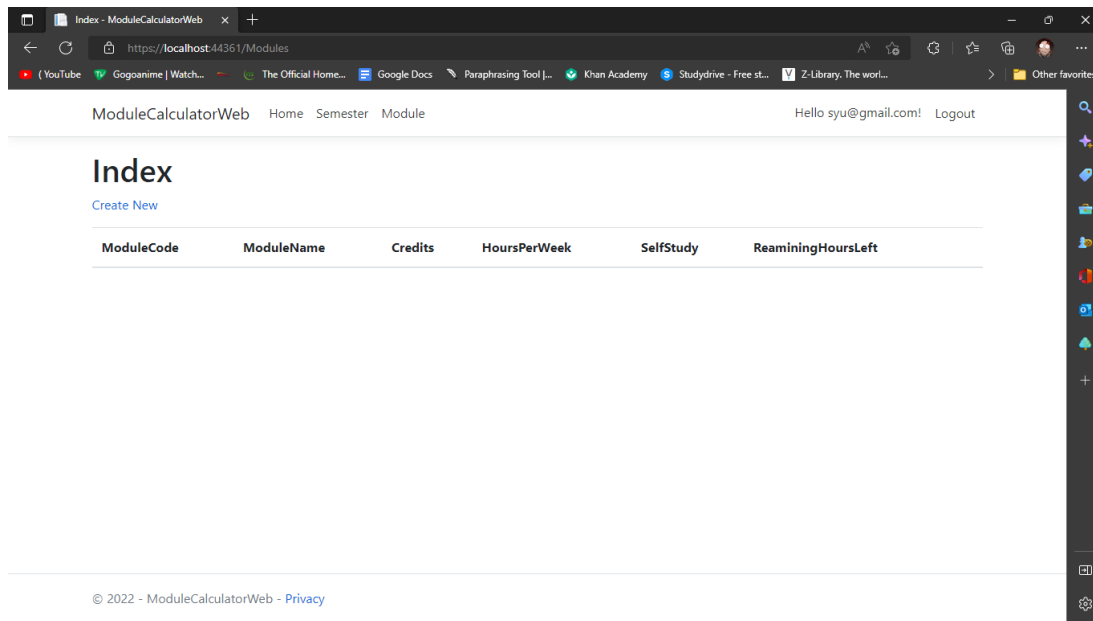
The screenshot shows a web browser window with the address bar displaying `https://localhost:44361/Semesters`. The page title is "Index - ModuleCalculatorWeb". The navigation bar includes links for "Home", "Semester", and "Module", along with a user greeting "Hello syu@gmail.com!" and a "Logout" button. The main content area features a large "Index" heading and a "Create New" link. Below this is a table with the following structure:

semesterName	startDate	Weeks	
Semester 1	04/12/2022 15:58:00	6	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

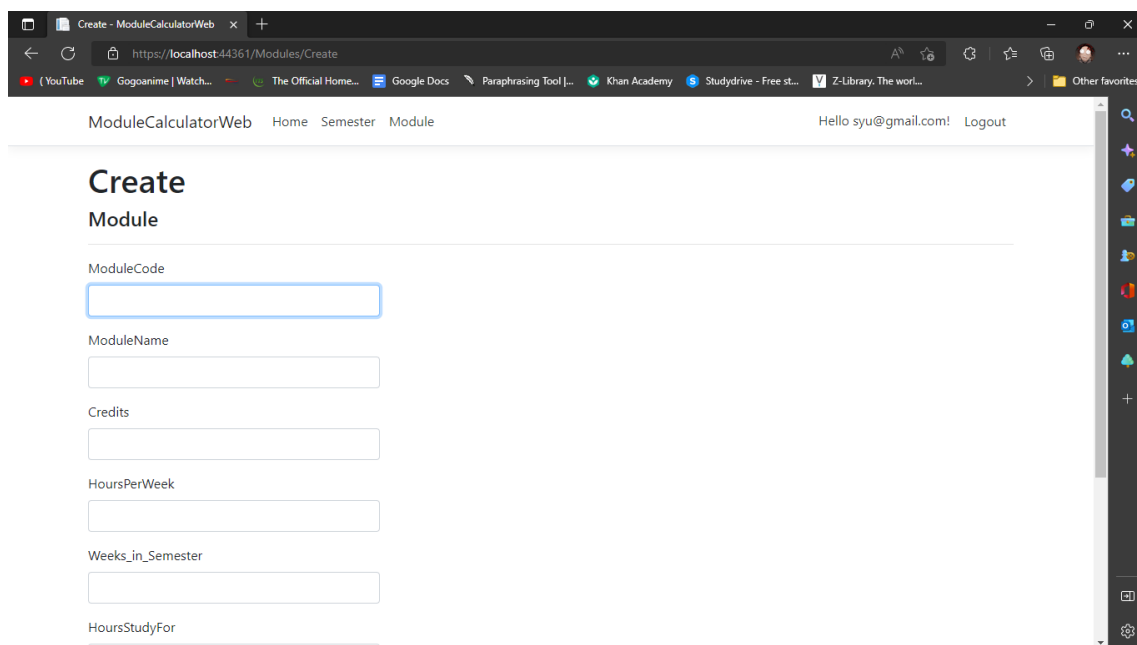
At the bottom of the page, there is a footer with the text "© 2022 - ModuleCalculatorWeb - [Privacy](#)".

The semester details can be edited by clicking the "Edit" text after it has been created, and users can view the semester details in greater detail by clicking the "Details" text. By clicking the "Delete" text, users can also remove or delete their submission. This prompts a message asking the user if they are certain they want to remove the submission.

## Module Page



To enter this page the user will click on the “Module” tab on the top left. The user can create a new module value here on the module page, where it will be displayed. To create a new submission for module by clicking the blue text “Create New” and it will take you to the page shown below where the user will have to fill in the details to create a new module.



Create - ModuleCalculatorWeb

https://localhost:44361/Modules/Create

ModuleName

Programming

Credits

15

HoursPerWeek

4

Weeks\_in\_Semester

6

HoursStudyFor

8

StudyDate

02/12/2022 15:59

Create

[Back to List](#)

When the user is satisfied with the information they have filled out, they can click the blue "Create" button. The user will need to enter the module name, which typically refers to the module they are currently learning and also the name along with the credits and hours of the classes per week, the number of semester and the hours the user plan to study for and the date they will require to study for.

ModuleCalculatorWeb Home Semester Module

Hello syu@gmail.com! Logout

## Index

[Create New](#)

ModuleCode	ModuleName	Credits	HoursPerWeek	SelfStudy	ReaminingHoursLeft
prog6212	Programming	15	4	21	13

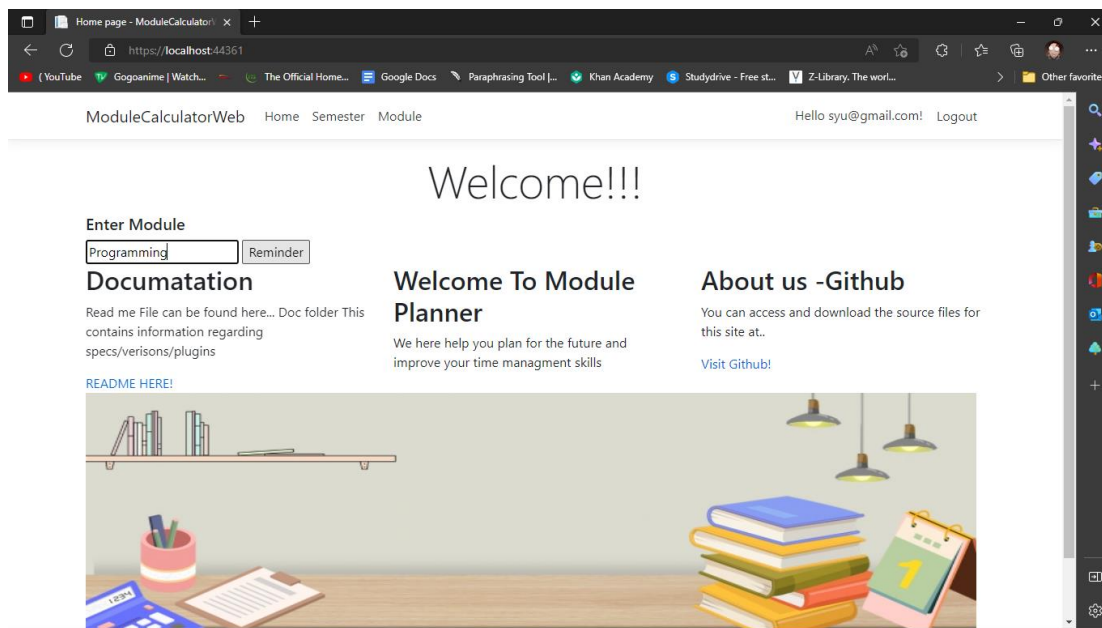
[Edit](#) | [Details](#) | [Delete](#)

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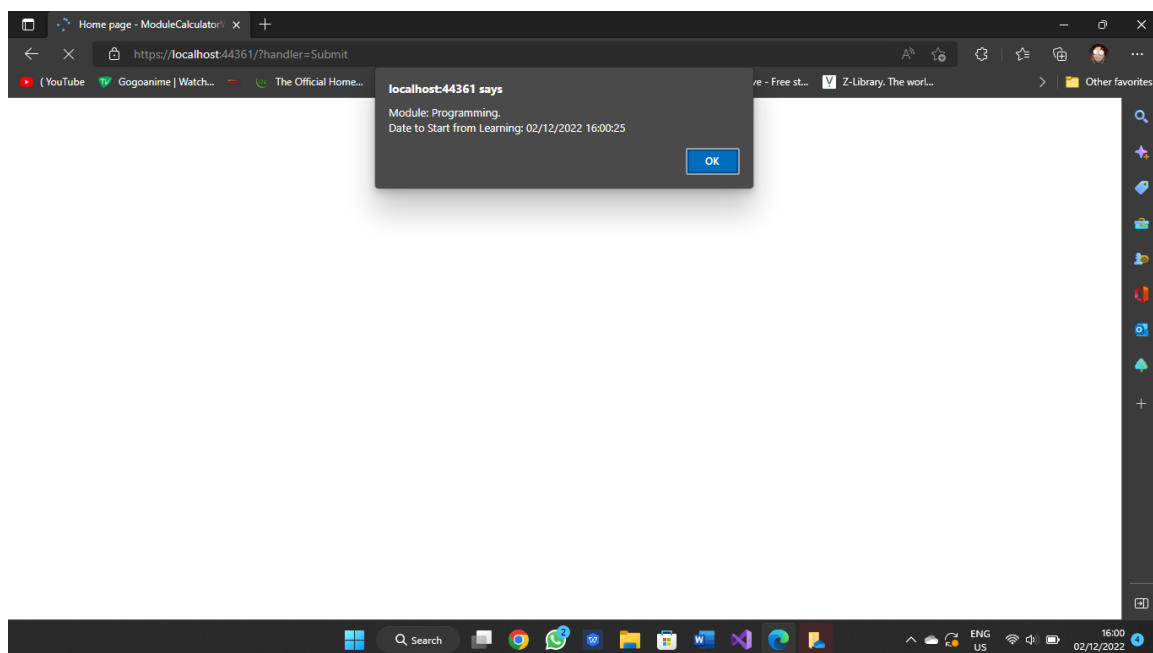
The modules, which are displayed as websites in the image above, use the data entered to determine how much time is needed for self-study and how many hours are still left after considering the hours the user entered for the hours they studied for.

The module details can be edited by clicking the "Edit" text after it has been created, and users can view the module details in greater detail by clicking the "Details" text. By clicking the "Delete" text, users can also remove or delete their submission. This prompts a message asking the user if they are certain they want to remove the submission.

## Remainder Button

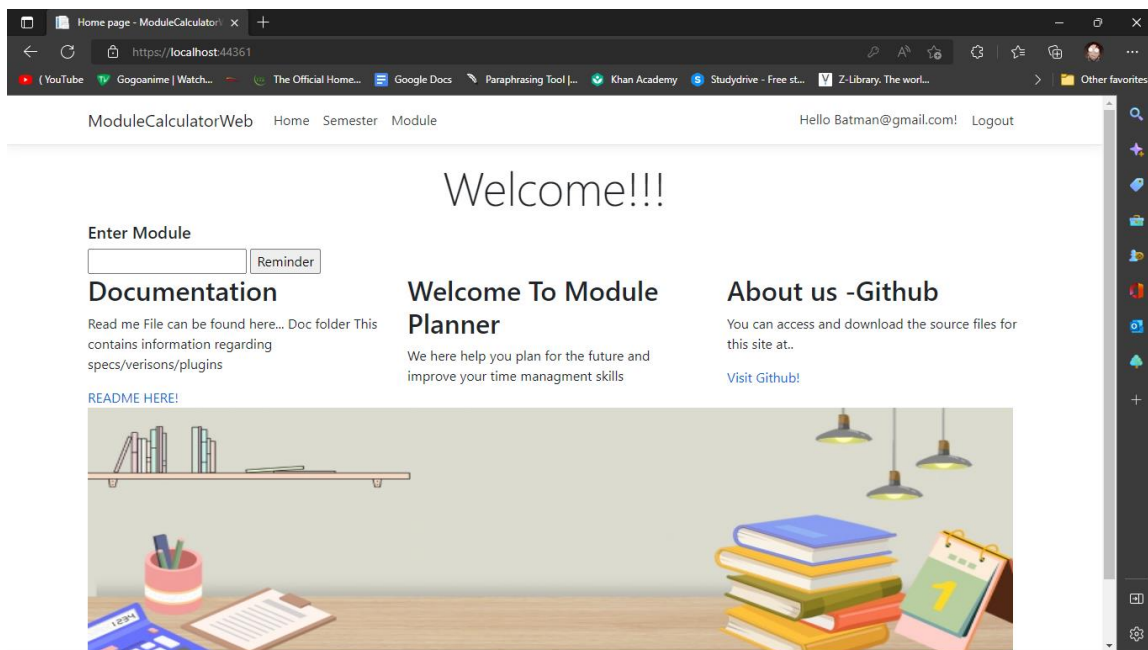


In the text field next to the label "Enter Module," the user can enter the name of the module they want to be reminded to study for. Then they will click the "Reminder" button next to the textbox, and a message with the name of the module and the ideal time for the user to start studying will appear on the screen. An illustration of how the message will appear on screen is provided below:

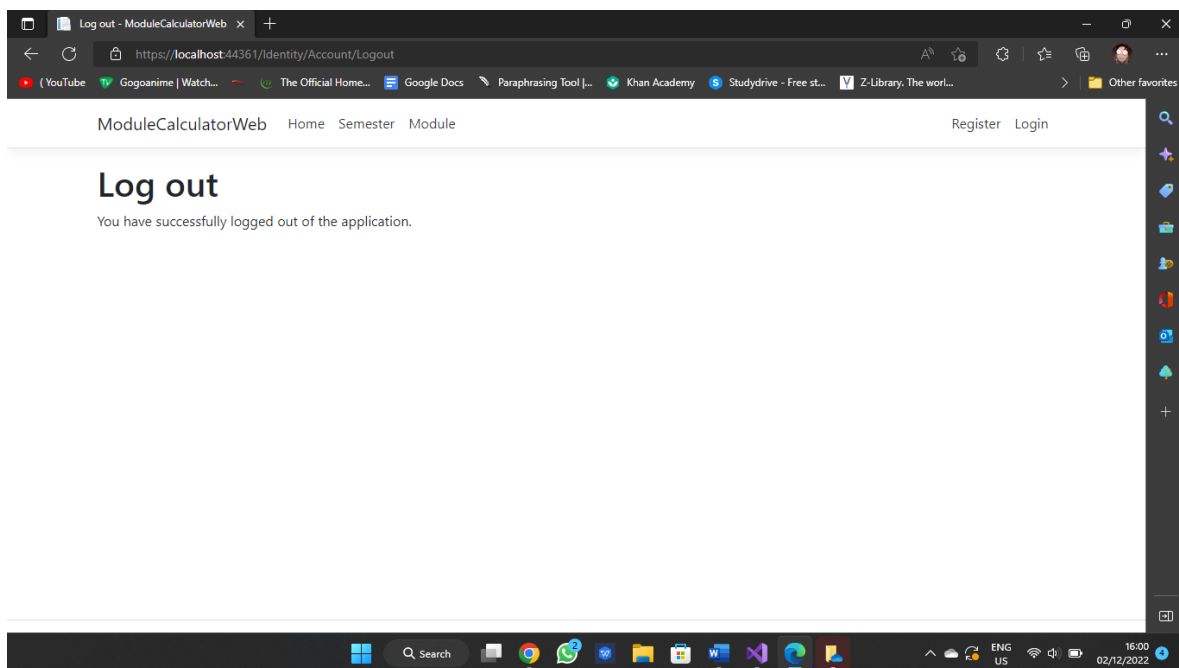




## Logging out



The option to log out of the website and the user's account is located in the top right corner, next to the username, so that the user can safely close their web browser. This option also enables the user to exit the operating system while leaving the computer turned on.



The user has successfully logged out of their account on the website, according to this page.