



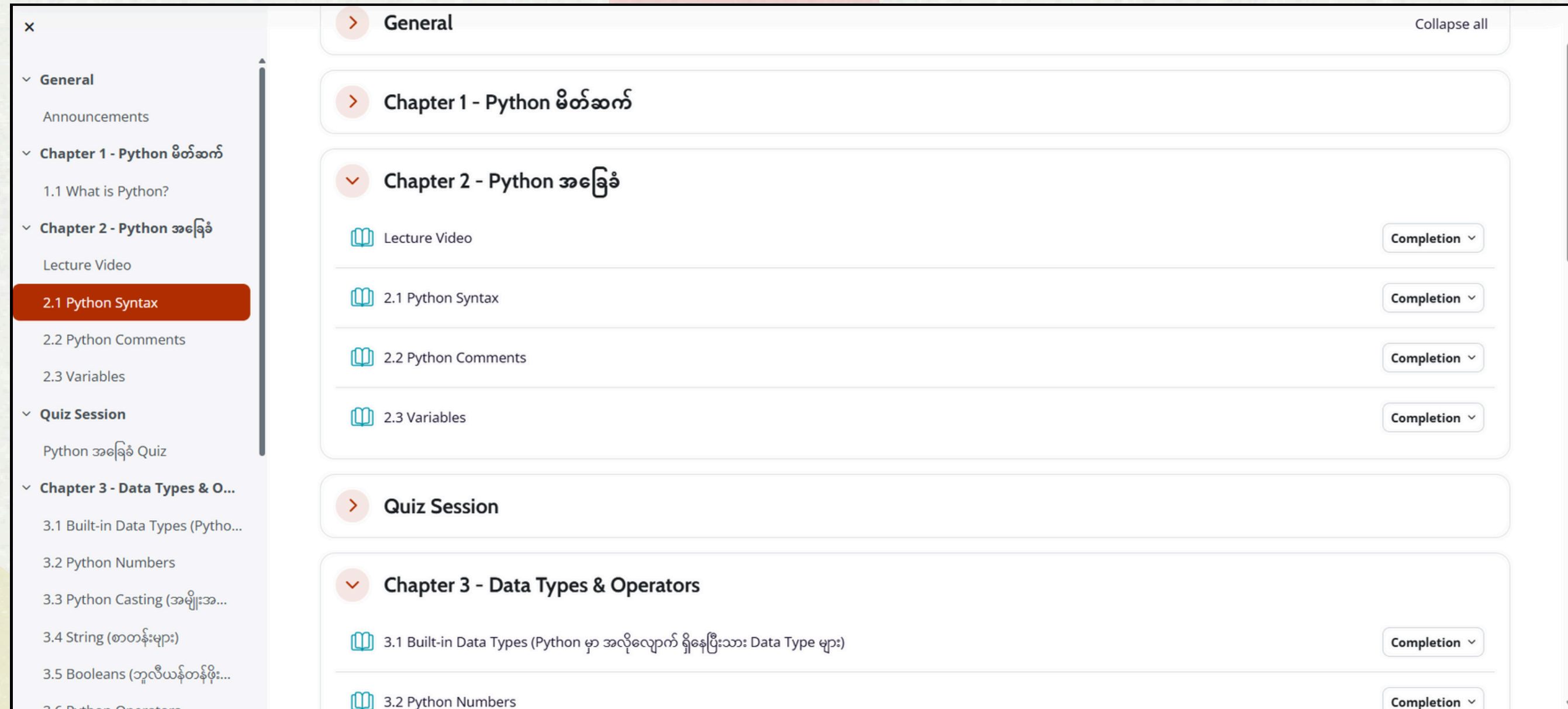
HOW STUDENTS LEARN ON SARTHIN

A Visual Walkthrough of the
Sarthin:ഓട് Platform



Sarthin | Learn - Anytime, Anywhere

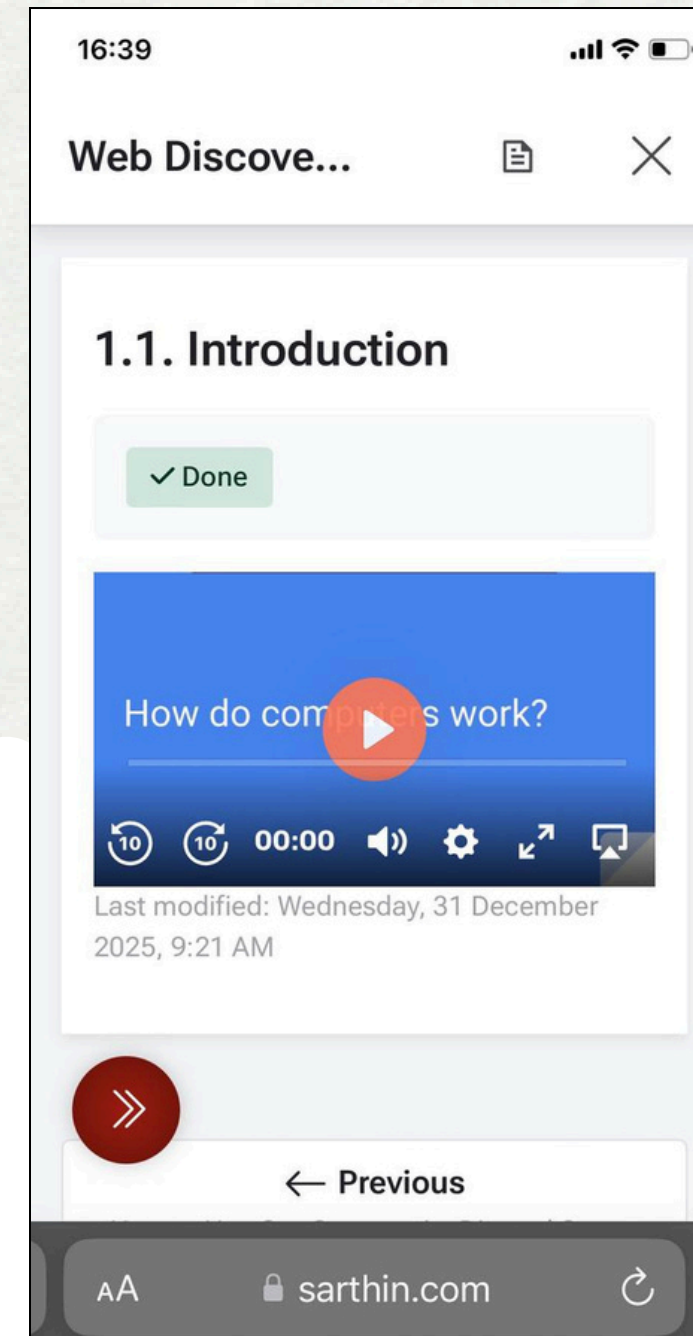
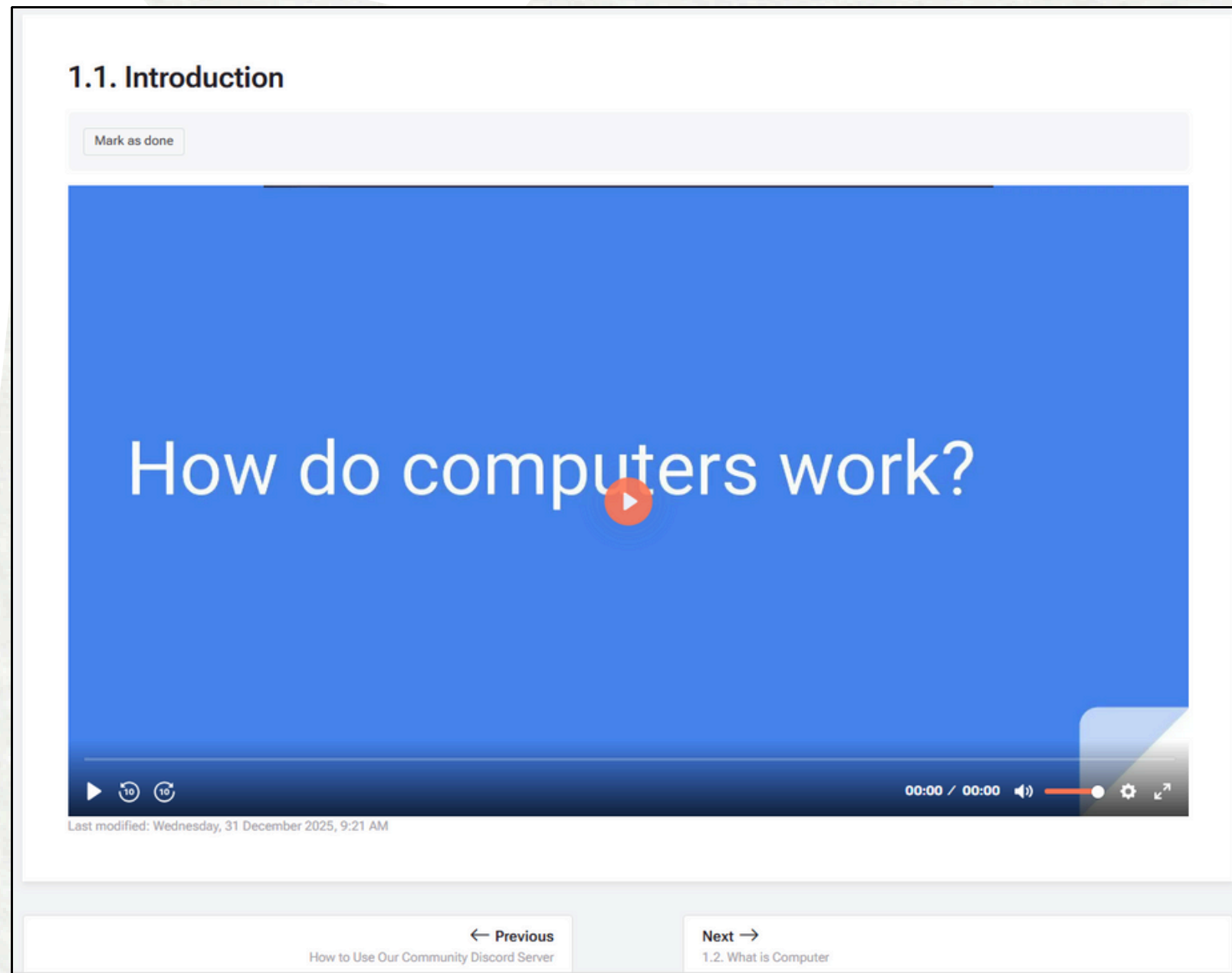
PLATFORM OVERVIEW



The screenshot displays the Sarthin platform interface. On the left is a navigation sidebar with a search icon (x) and a list of course sections: General, Chapter 1 - Python မိတ်ဆက်, Chapter 2 - Python အခြေခံ, Chapter 3 - Data Types & Operators, Quiz Session, and Python အခြေခံ Quiz. The '2.1 Python Syntax' section is highlighted in orange. The main content area shows a 'General' section with a 'Collapse all' button. Below it are 'Chapter 1 - Python မိတ်ဆက်' and 'Chapter 2 - Python အခြေခံ'. Under Chapter 2, there are four items: 'Lecture Video', '2.1 Python Syntax', '2.2 Python Comments', and '2.3 Variables', each with a 'Completion' dropdown menu. Below Chapter 2 is a 'Quiz Session' section, followed by 'Chapter 3 - Data Types & Operators' with items '3.1 Built-in Data Types (Python မှာ အလိုလျောက် ရှိနေပြီးသား Data Type များ)' and '3.2 Python Numbers', each with a 'Completion' dropdown menu.

Sarthin is built on a custom Moodle-based platform. Each course includes structured chapters with lessons, quizzes, assignments, and interactive tools — all accessible anytime, anywhere.


LECTURE VIDEOS



Every topic includes short, focused video explanations in Burmese — designed to make concepts easy to understand, even for absolute beginners.

READING MATERIALS + PRACTICE PLAYGROUND

Artificial Intelligence vs Machine Learning vs Deep Learning



Supervised learning


Supervised Learning model ဆိုတာကတော့ အဖြေမှန်တွေနဲ့ တွဲပြီးပါတဲ့ (Labeled) Data တွေကို နဲ့ အဲလို အဖြေမှန်အောင်လုပ်နေတဲ့ Data ထဲက Element တွေ အချင်းချင်း ချိတ်ဆက်ပုံ (Pattern) တွေကို သင်ယူလေ့လာပြီး ခန့်မှန်းတွက်ချက် တဲ့ Model ပါ။

ဘာနဲ့ တူလည်းဆို ကျောင်းသားတစ်ယောက်ကို ဘာသာ တစ်ခု မှာ ကျွမ်းကျင် တတ်မြောက်ဖို့ မေးခွန်း တွေ နဲ့ အဖြေတွေနဲ့ တွဲပါတဲ့ စာအုပ်ကို ဖတ်ခိုင်းပြီးနောက် သူ ဘာသာရပ်ကို နားလည်လာပြီ ဆိုတဲ့ အနေထားတစ်ခုမှာ စာမေးပွဲ အသစ်တစ်ခု ဖြေခိုင်းသလိုပါပဲ။

Unsupervised learning

Unsupervised Learning ဆိုတာကတော့ ဘယ်ဟာက မှန်တယ်ဆိုပြီး Data ကို ထည့်ပေးတာမဟုတ်ဘဲ အကုန် ဒီတိုင်းကြီးထည့်ပေးလိုက်တာပါ။ အဲလို ထည့်ပေးထားတဲ့ Data ထဲမှာ Model က သူ့ဘာသာ အဓိပ္ပာယ်ပေါ်အောင် Pattern တွေ လိုက်ရှာမှာပါ။

အဲ့တော့ ဘယ် Data က ဘယ် အမျိုးစား ဆိုပြီး မပြောထားဘဲ Model က သူ့ဘာသာ သူသိသလို အမျိုးစားခွဲပြီး တူရာ စုမှာပါ။ အဲလိုလုပ်တဲ့ နည်းကို **Clustering** လုပ်တယ်လို့ ခေါ်ပါ တယ်။



1.2.1 Python Syntax

Python code တွေကို .py extension နဲ့ file ဆောက်ပြီး run လို့ ရပါတယ်။

Python Indentation (နေရာချထားခြင်း)

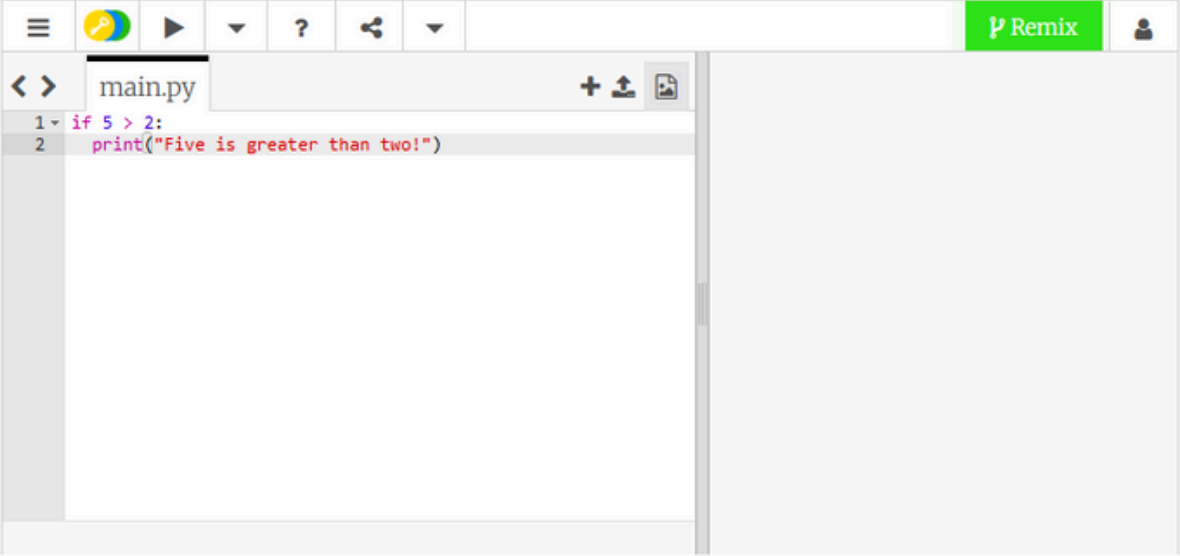
Indentation ဆိုတာ code စာကြောင်းအစမှာ ထည့်ပေးရတဲ့ space တွေကို ဆိုလိုတာပါ။

တခြား programming languages တွေမှာ indentation က readability (ဖတ်လို့ကောင်းအောင်) အတွက်ပဲ အရေးပါပေမယ့် Python မှာတော့ ဒီဟာက အရမ်းအရေးကြီးပါတယ်။

Python က code block တစ်ခုကို သတ်မှတ်ဖို့ indentation ကို သုံးပါတယ်။

```
if 5 > 2:  
    print("Five is greater than two!")
```

NOTE: အောက်ပါ run box တွင် play ခလုတ်ကိုနှိပ်ပြီးစမ်း run ကြည့်နိုင်ပါတယ် code line များပြင်စမ်းပြီး မူလအတိုင်းထားချင်ပါက ဘယ်ဖက်ထောင့်အပေါ်က အကြောင်းသုံးကြောင်း menu ထဲဝင်ပြီး Reset ကိုနှိပ်ရင်ရပါပြီ



Students can read concise explanations and immediately practice using our built-in coding playground — no need to switch tools or install anything.

QUIZZES AND ASSIGNMENTS

HTML Practice 1 – Writing Paragraphs and Basic Structure

To do: Receive a grade To do: Receive a passing grade

Opened: Tuesday, 11 November 2025, 12:00 AM

Put your knowledge into action by creating your first HTML pages. This exercise will help you practice using core HTML tags and proper document structure.

Instructions

Complete the following three tasks and upload your `.html` files:

1 Basic Structure:

Create a simple HTML document that includes `<!DOCTYPE html>`, `<html>`, `<head>`, and `<body>`. Inside the body, write a short paragraph introducing yourself.

2 Two Paragraphs:

Write an HTML page with two paragraphs. The first should describe your favorite hobby, and the second should explain why you enjoy it. Use the `<p>` tag properly.

3 Daily Routine:

Create an HTML page with three paragraphs about your daily routine — morning, afternoon, and evening activities.

Tip: Use clean indentation, meaningful file names (e.g., `intro.html`, `hobby.html`, `routine.html`), and consistent formatting.

Submission Guidelines

- **Submission type:** File upload only
- **Maximum number of files:** 3 `.html` files
- **Feedback:** You will receive written comments on your submission
- **Attempts:** You may resubmit **unlimited times** until you pass
- **Maximum grade:** 100 points
- **Grade to pass:** 100 points

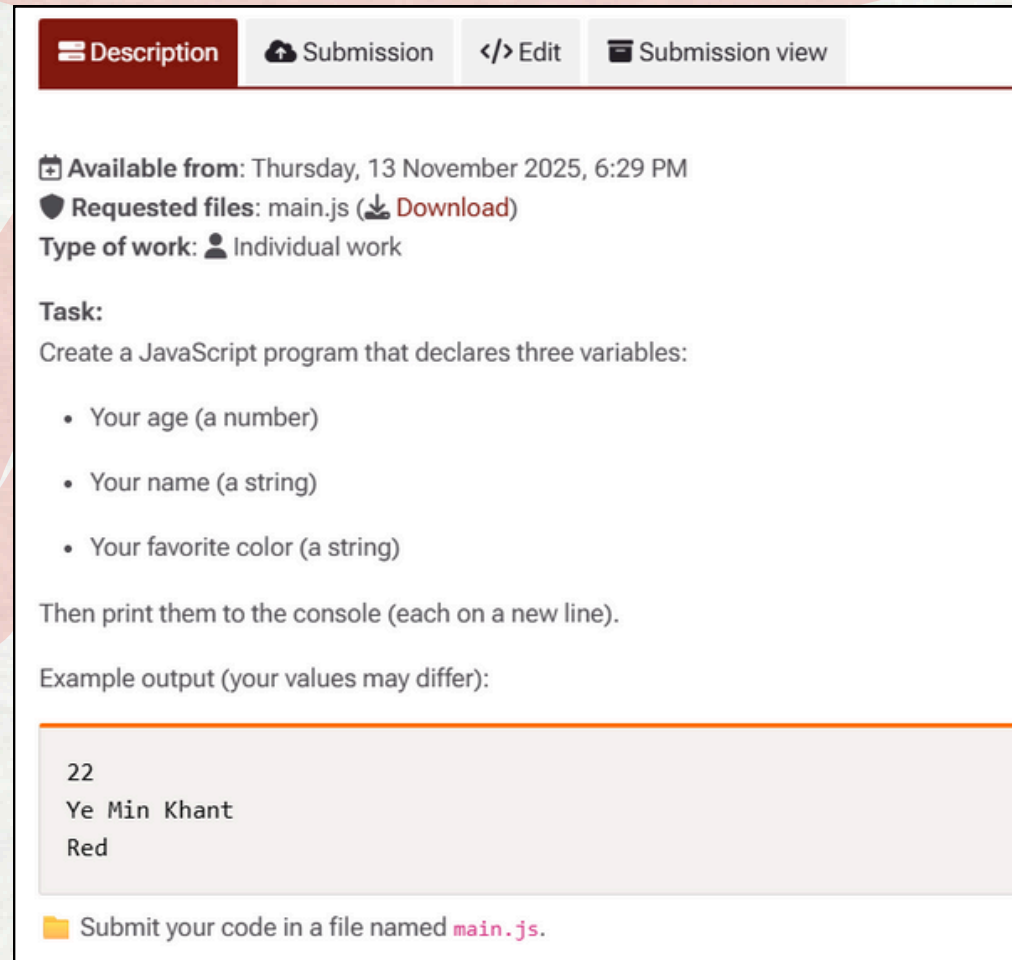
Which of the following best describes "Supervised Learning"?

- a. The model is trained on a labeled dataset where the correct output is known.
- b. The model is hard-coded with specific rules by a human programmer.
- c. The model learns from unlabeled data by finding patterns on its own.
- d. The model learns through trial and error using a reward system.

Next page

Students have to take quizzes and assignment project ensuring independent progress tracking.

CODING EXERCISE VIA VIRTUAL CODING LAB



Description Submission Edit Submission view

Available from: Thursday, 13 November 2025, 6:29 PM
Requested files: main.js (Download)
Type of work: Individual work

Task:
Create a JavaScript program that declares three variables:

- Your age (a number)
- Your name (a string)
- Your favorite color (a string)

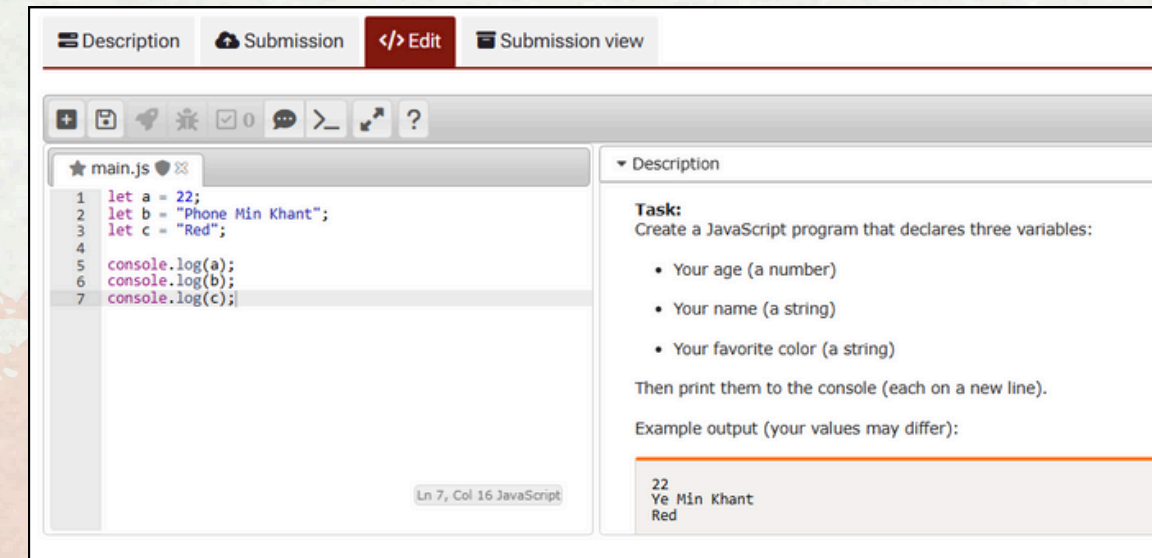
Then print them to the console (each on a new line).
Example output (your values may differ):

```
22  
Ye Min Khant  
Red
```

Submit your code in a file named `main.js`.

Question

Student Answer



Description Submission Edit Submission view

```
main.js  
1 let a = 22;  
2 let b = "Phone Min Khant";  
3 let c = "Red";  
4  
5 console.log(a);  
6 console.log(b);  
7 console.log(c);
```

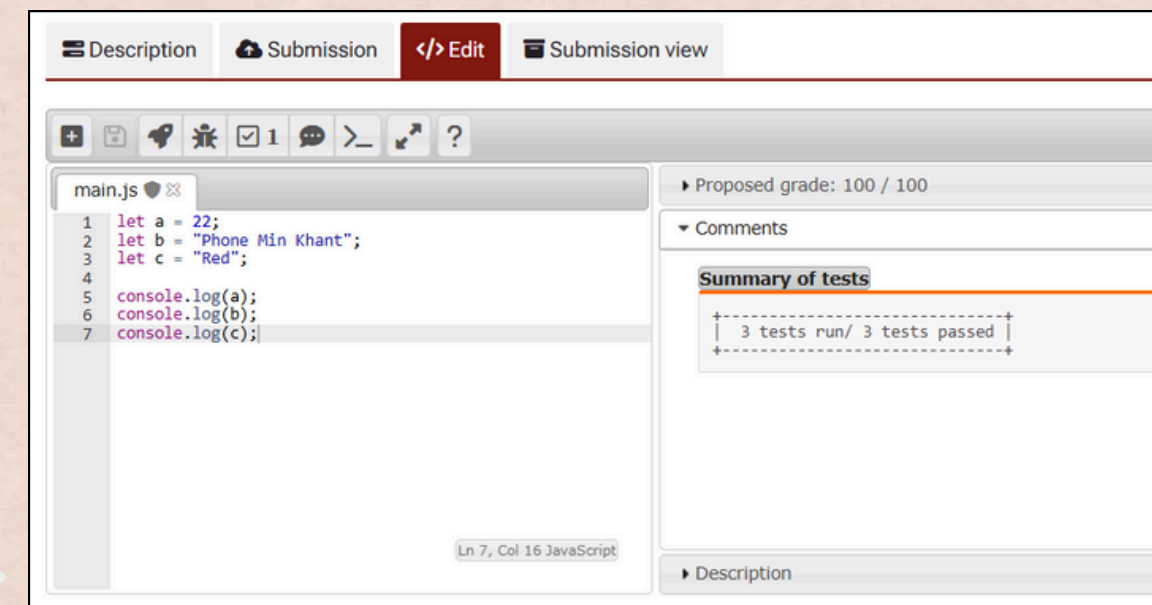
Description

Task:
Create a JavaScript program that declares three variables:

- Your age (a number)
- Your name (a string)
- Your favorite color (a string)

Then print them to the console (each on a new line).
Example output (your values may differ):

```
22  
Ye Min Khant  
Red
```



Description Submission Edit Submission view

```
main.js  
1 let a = 22;  
2 let b = "Phone Min Khant";  
3 let c = "Red";  
4  
5 console.log(a);  
6 console.log(b);  
7 console.log(c);
```

Proposed grade: 100 / 100

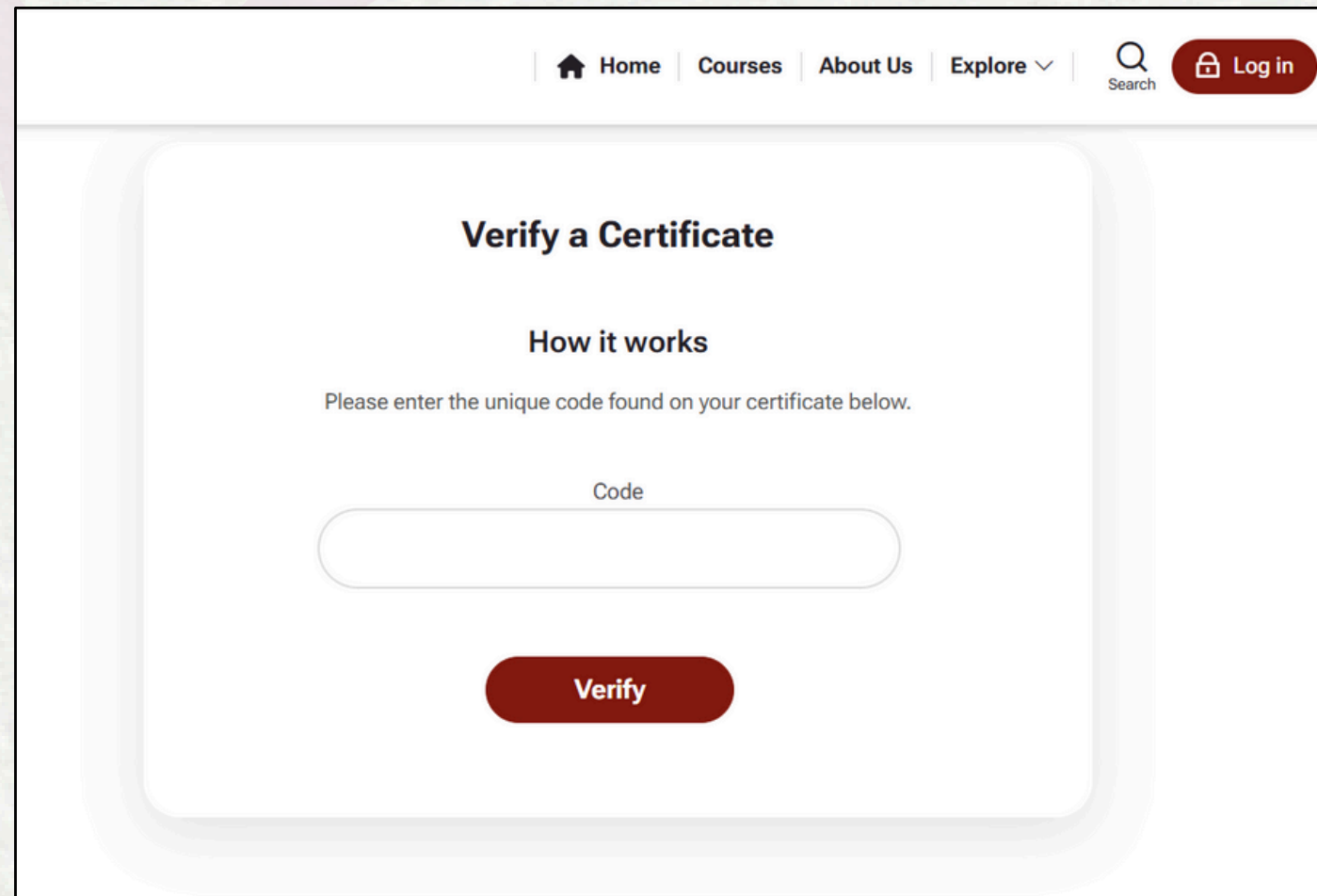
Summary of tests

```
3 tests run/ 3 tests passed
```

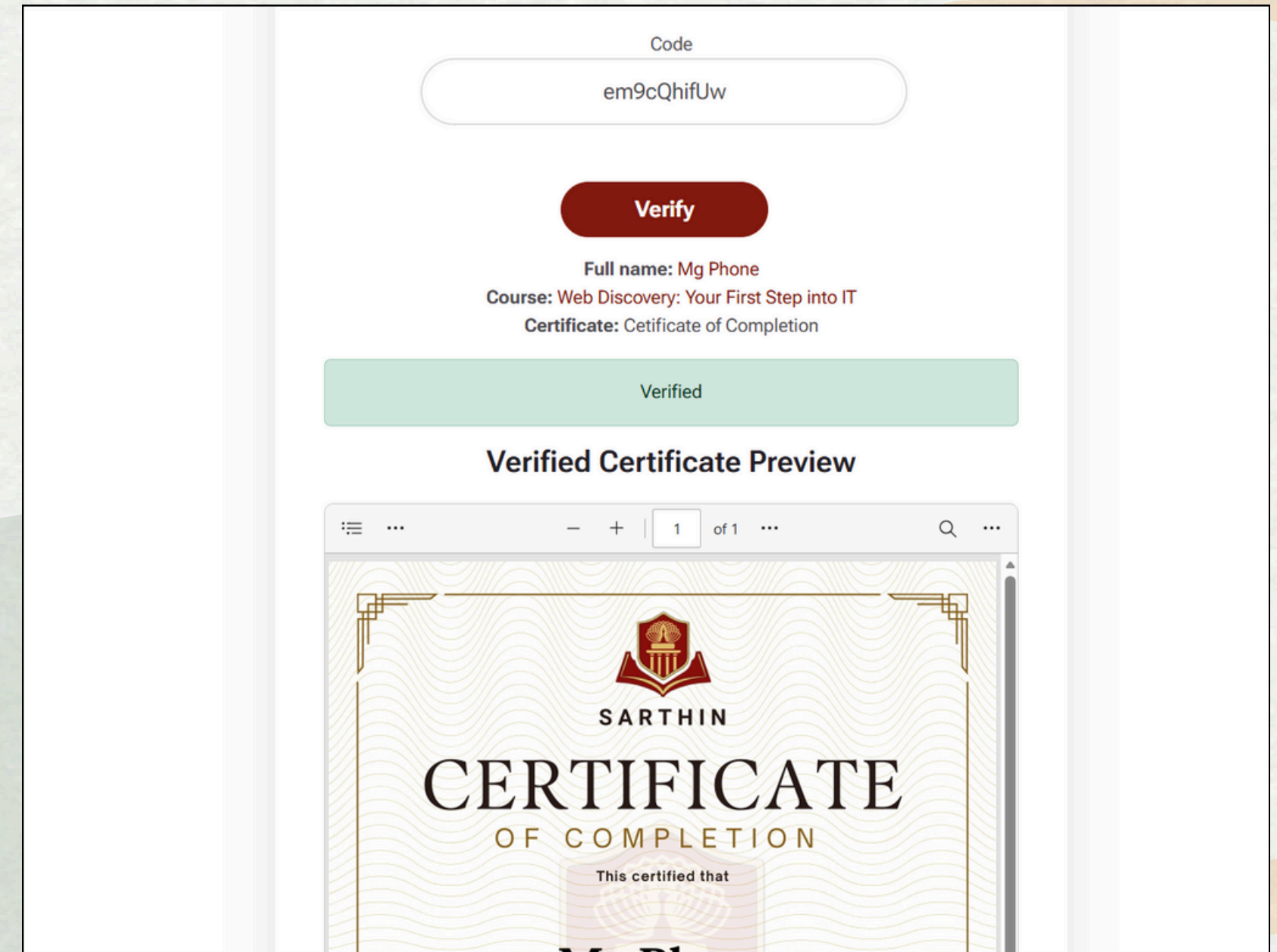
Evaluated by System

Students have to do small milestone coding exercises through virtual coding lab. This can help bridge the gap between theoretical concepts and practical application by providing immediate, low-stakes feedback.

PORTABLE, VERIFIABLE ACHIEVEMENT



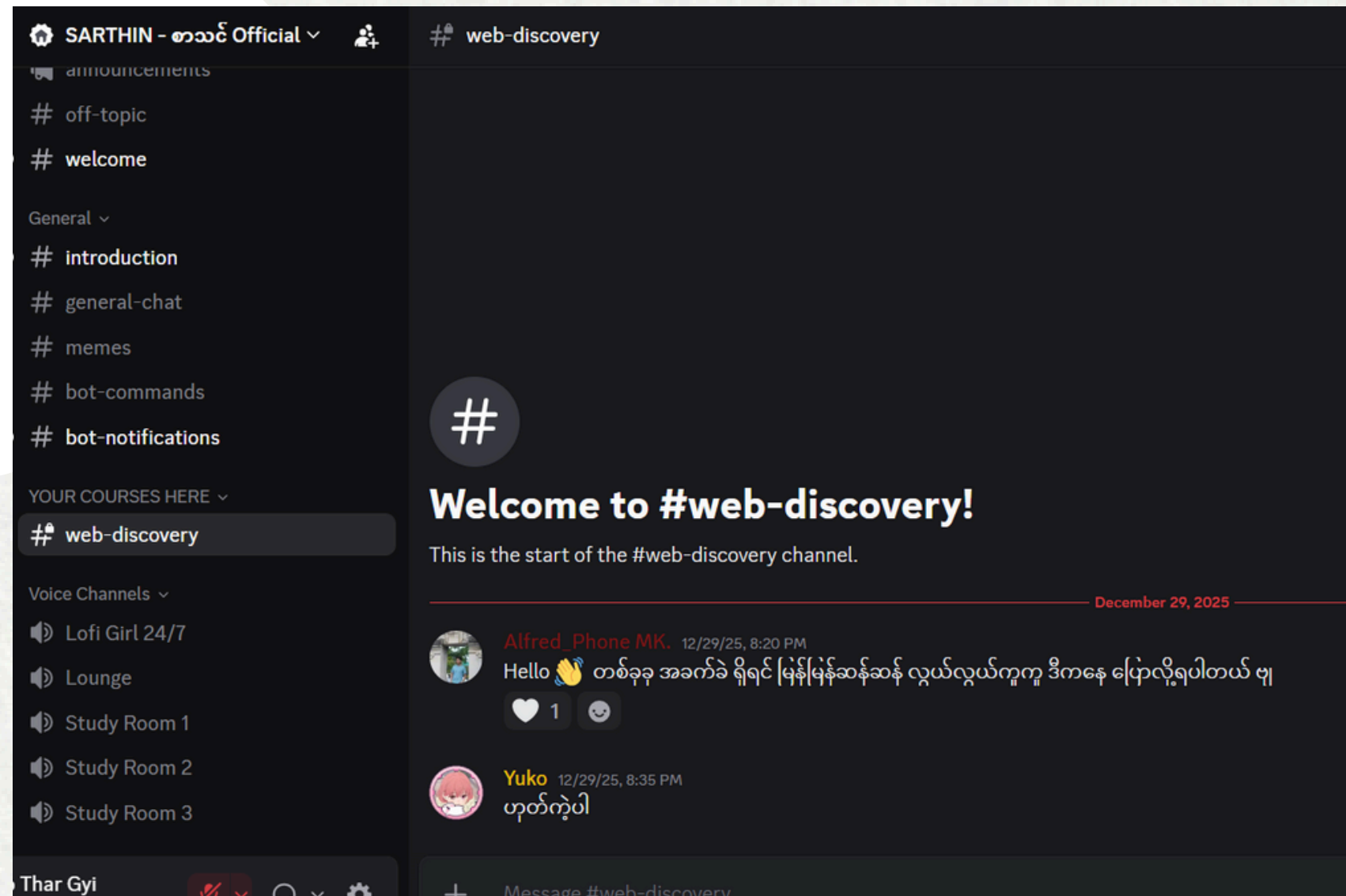
The screenshot shows a web interface for verifying a certificate. At the top, there is a navigation bar with links for Home, Courses, About Us, and Explore, along with a search icon and a Log in button. The main heading is "Verify a Certificate". Below it, the text "How it works" is followed by the instruction "Please enter the unique code found on your certificate below." There is a text input field labeled "Code" and a red "Verify" button below it.



The screenshot shows the results of a certificate verification. At the top, there is a text input field containing the code "em9cQhifUw". Below it is a red "Verify" button. The results are displayed as follows: "Full name: Mg Phone", "Course: Web Discovery: Your First Step into IT", and "Certificate: Cetificate of Completion". A green bar with the text "Verified" is shown below the results. Underneath, there is a section titled "Verified Certificate Preview" which shows a preview of the certificate document. The certificate is from "SARTHIN" and is titled "CERTIFICATE OF COMPLETION". It includes the text "This certified that" and a QR code.

Every certificate features a unique QR code and encrypted key for immediate verification by employers or institutions

MULTI-TIERED SUPPORT + COMMUNICATION



I don't understand about the concept of variable from 5.3. Variables & Data Types video. can you explain me with simple term

W WDF 1 • Custom Gem

Show thinking ▾

Hello! I am your Web Development Assistant. I can help you with questions based on the specific Sections of your course. I focus exclusively on Pure HTML, CSS, and JavaScript without complex libraries or arrow functions to help you build a solid foundation.

You are asking about **Section 5**, which follows **Module 2: Variables and Data Types** in your JavaScript Handbook. 🔗 🔗

Here is a simple explanation of these concepts:

1. Variables (The "Container")

Students can engage in the main lobby (General Chat) to connect with peers across all disciplines and for course-specific troubleshooting, support is available in specialized channels and a custom-trained AI that provides instant, and course-specific guidance.

SARTHIN goes beyond video learning — it's a full platform where students read, code, test, and prove their understanding.



We're committed to continuous improvement and aligning with international standards to empower students in Myanmar.