🐍 Python Course - Day 002

</> 003_ Syntax and your first app

- Python has semicolon (;) but only been used when there is multiple statement at the same line

- Indentation is important in Python

- Our First Program:

```python
print("I Love Python")
print("I Love Programming")
```

💬 004_ Comment

- Comment syntax: `# + anything`

- Example: `# This is a Comment`

- # is used for single and multiple line comments

Important Notes

- Triple Double Quotes is not a Multiple Line Comment

- The Triple Double Quotes is used for the "Doc String"

- We will know the difference between Commenting and Documenting later

```python
# This is a Comment
print(" I Love Python! ") # Inline Comment
# print(" I Love Python! ")


"""
  This is not a
  Multi-Line Comment
"""
```

💡 Advantages of Comments in Python

Enhanced Readability

Improves code understanding

Self-Documenting Code

Explains logic and choices

Improved Cooperation

Facilitates team collaboration

Better Troubleshooting

Aids in debugging process

Code Control

Allows selective code execution

Logic Explanation

Clarifies complex algorithms

Code Maintainability

Eases future modifications

Code Reuse

Promotes modularity

Knowledge Sharing

Educates other developers

Learning Aid

Helps in self-improvement