



Python Programming

Topic 1.1

Introduction

Presented by Advaspire Team



Today's Topic

1. **What is Python?**
2. **Why learn Python Programming?**
3. **Learn comment and print function in Python**



Learning Outcome

1. Able to use print functions

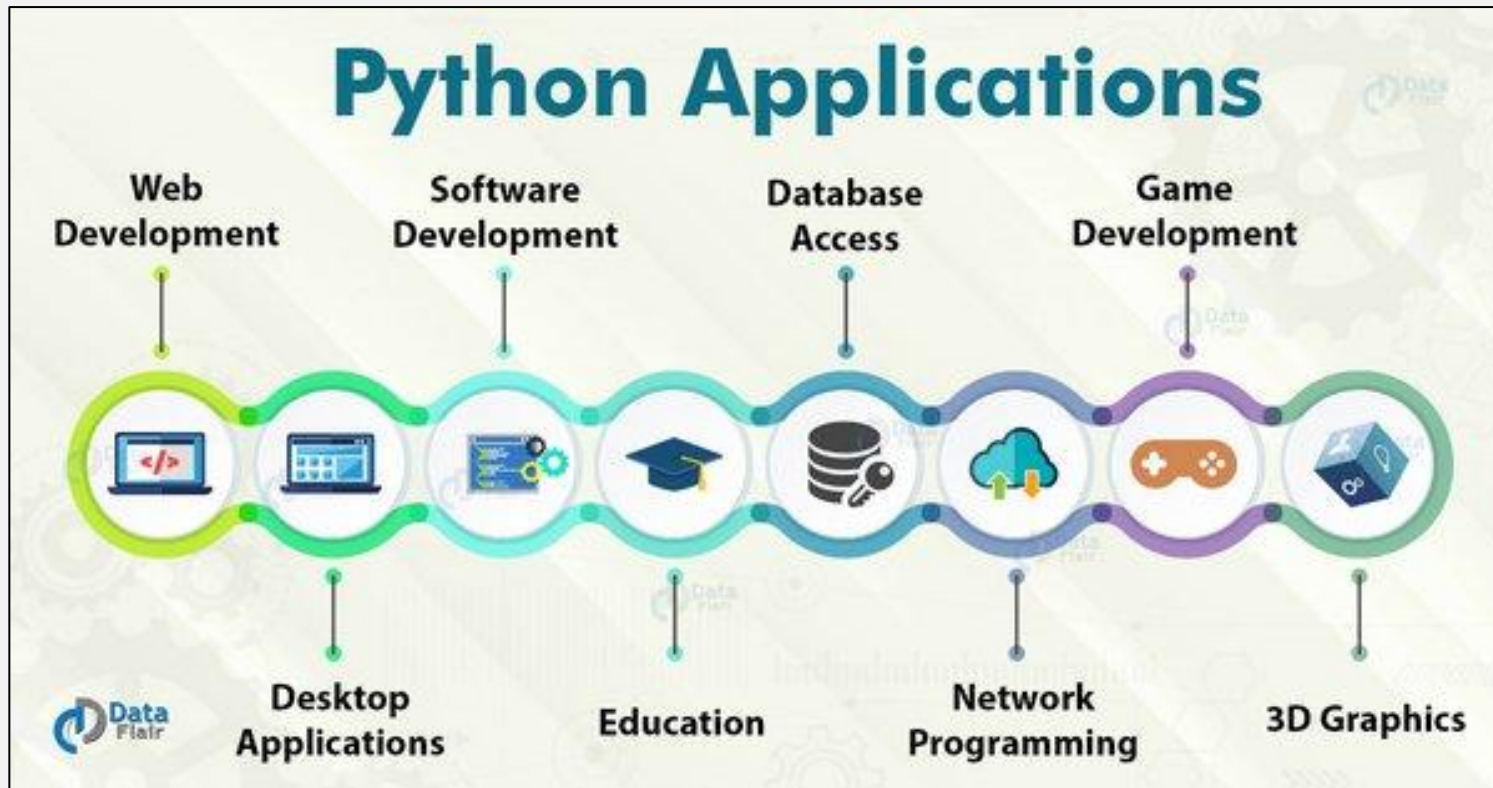


What is Python?

A programming language such as English, Chinese, Malay



What is Python?



Python creates game, builds website and software, etc...



Why learn Python programming?



- Easy to learn
- Has a clean syntax
- Large libraries
- Use less lines of code



Python Application



Most Important is it uses in

GAME DEVELOPMENT !!!



<https://www.programiz.com/python-programming/online-compiler/>

This is the "run icon", you can run the program by clicking this run button.

```
main.py [Icons] Share Run Output Clear  
1 # Online Python compiler (interpreter) to run Python online.  
2 # Write Python 3 code in this online editor and run it.  
3 print("Try programiz.pro")
```

This is the code editor, which is for user to edit the files.

This is the terminal for input and output environment



Python Programming

Topic 1.2

Print function

Presented by Advaspire Team



Python Syntax - Comment

```
1 #This is comment
2 #We learn input concept
3 #We learn output concept
```



**Python ignores comment so it won't affect the program*

Result

```
=== Code Execution Successful ===
```

Comment

1. # symbols
2. A short descriptions for explaining the basic logic of a particular line of code
3. To increase the program readability



Python Syntax – Print Function

```
1 #This is comment
2 #We learn input concept
3 print("We learn input concept")
4 #We learn output concept
5 print("We learn output concept")
```

Comment

Type the print syntax
and click 

Print Funtion

1. To print a python object(s) such as string, list, tuple, etc...

Output

Result

```
We learn input concept
We learn output concept
```



Python Syntax – Print Function

```
1 #This is comment
2 #Print String
3 print("Im string")
4
5 #Print integer (whole number)
6 print(2)
7
8 #Print float (number with decimal)
9 print(9.2667)
```

Print string, integer, floating number using print function

```
Output
Im string
2
9.2667

=== Code Execution Successful ===
```

Result/output displayed



ASSIGNMENT

for Topic 1.2



T1.1 – Mission 1

Complete below tasks:

1. Comment your program with “This is mission 1”
2. Print out a string named “ Welcome to Python”
3. Print out an integer 10000
4. Print out a floating point number 19.9

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Python T1.1-M1 Reward -> **30 Adcoins**



T1.1 – Mission 1 (Answer)

```
#This is mission 1  
print("Welcome to Python")  
print(10000)  
print(19.9)
```



T1.1 – Mission 2

Create a new python file named T1.1.py and type the following text:

```
# Six print statement draw an arrow on the screen
print("  *")
print(" ***")
print(" *****")
print("  *")
print("  *")
print("  *")
```

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T1.1 – Mission 2 (Answer)

Output:

*

*

*

*



T1.1 – Mission 3

Write a program that display the following patterns:

```
FFFFFFF U NNNNNN
FFFFFF  U  NNNNN
FFFF    U   NNNN
FFF     U    NNN
```

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T1.1 – Mission 3 (Answer)

```
print("FFFFFFF U NNNNN")  
print("FFFFFF U NNNN")  
print("FFFF U NNN")  
print("FFF U NNN")
```



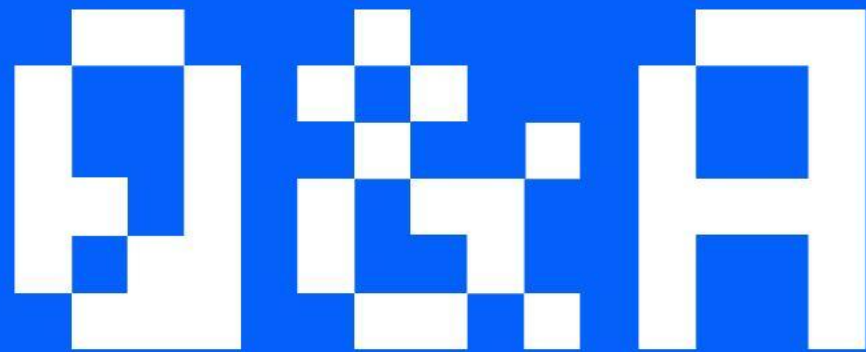
Summary

1. Online programming compiler
2. how to comment a particular line of code
3. How to use print function to print string, integer and floating point number





You can direct message your teacher and ask your question through [Discord Robotene Community](#) or arrange a [One-to-One Consultation](#) with your teacher.



Any Questions?



Thank you :)