

ICDT 1201Y

COMPUTER PROGRAMMING

LABSHEET 1 :

Development Environment Set-up

1. Download and Set-Up

While workstations will be made available to students during Lab/Practical sessions, you are highly encouraged to set-up the development environment on your own machines (Laptop/Desktop Computers).

To maintain consistency, Visual Studio will be used. This is available to download for most of the common operating systems, including Windows, Linux and MacOS. Click on the corresponding link according to your operating system from below and watch a video tutorial:

Windows

<https://www.youtube.com/watch?v=ouANCqLtr98>

Linux

<https://www.youtube.com/watch?v=6uswHeYXIBo>

MacOS

<https://www.youtube.com/watch?v=NirAuEAblvo>

An up-to-date tutorial can also be followed from here:

<https://code.visualstudio.com/docs/python/python-quick-start>

2. Verifying Your Set-up

The traditional way: You write a piece of code to display the text “Hello World” on screen. Create a file named myfirst.py and type the following codes:

```
print("Hello, my name is John Smith")
```

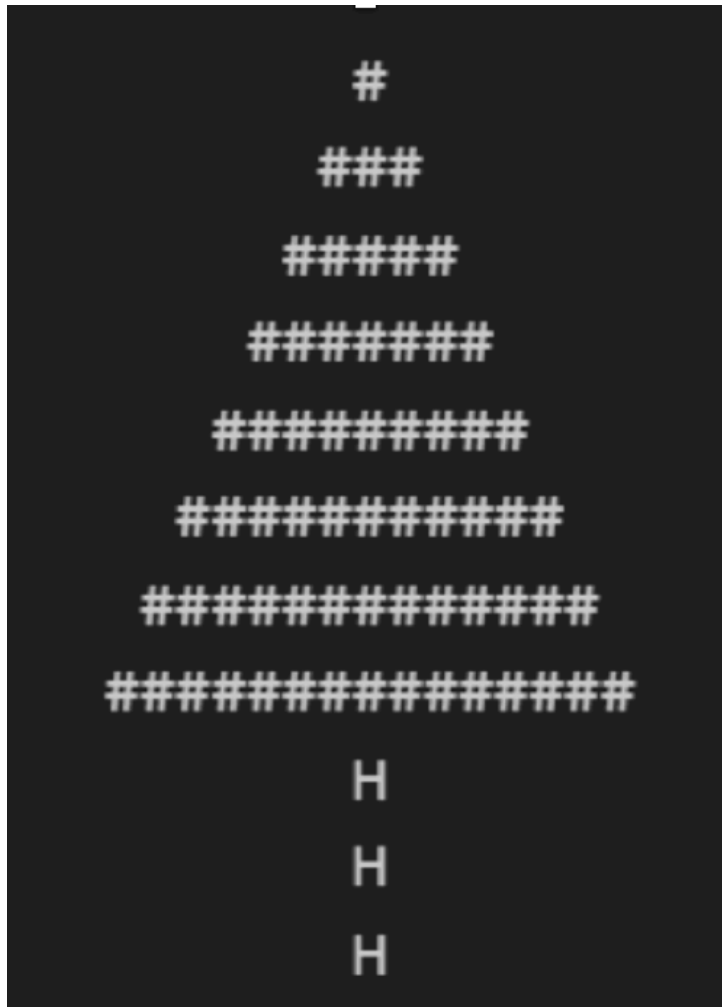
Feel free to modify the text as you wish

Execute your code by clicking on



3. A Quick Exercise

Using your knowledge of the `print()` on the previous page, recreate the drawing using python code:



4. Self-explore some Python codes that will enable the following tasks:

- Request a user to input a name and print it on the screen
- Calculate and display on screen, the sum of 10 and 5 (10+5)
- Calculate and display on screen, the result of the multiplication of 10 and 5 (10 x 5)