# Task 1:

Welcome to your beginners training in Python Programming!

Feel free to contact our entire team at **students@hyperiondev.com** at any point in your learning experience.

Python is a powerful, widely used programming language. Unlike Java, Python is a more recent, efficient and arguably faster programming language. The syntax (way the code is written) is very similar to Java. We also offer training in HTML and Web Development. Please contact us to switch training paths.

The instructions for your first Python task are below aswell as additional information.
Before you get started I strongly suggest you start using **Notepad++** to open all text files (.txt) and python files (.py). Do not use the normal Windows notepad or it will be much harder to read. Simply right click a file -> Edit with Notepad++ to be able to read it.
If you cannot see 'Edit with Notepad++' then you do not have it installed.

## Instructions:

Read **example.py**. Open it using **Notepad++** (Right click the file and select 'Edit with Notepad++')  If you do not have **Notepad++** installed please install it using the instructions located at **www.rmoola.com/pythonlessons.html**

- **Example.py** should help you understand some simple Python. Every task will have example code to help you get started. Make sure you read all of **example.py** and try your best to understand.

- You may run **example.py** to see the output. The instructions on how to do this are inside the file. Feel free to write and run your own example code before doing Task 1 to become more comfortable with Python.

- You are not required to read the entirety of **AdditionalReading.pdf**, it is purely for extra reference.

## Compulsory exercise to finish Task 1:

Create a new Python file in this folder called **HelloWorld.py**. Inside it, write Python code to take in a users name using **raw_ input** and the print out the name. Then take in a users age using **raw_ input** using the same method and print out their age. Then print out a new line and the string "Hello World!"

Firstly, make sure that you have installed and setup all programs correctly. You have setup **Dropbox** correctly if you are reading this, but Python may not be installed correctly.

Visit **www.rmoola.com/pythonlessons.html** for a complete guide on how to setup the software.

Make sure you have **Python version 2.7** installed as per the instructions and not an older nor earlier version of Python.
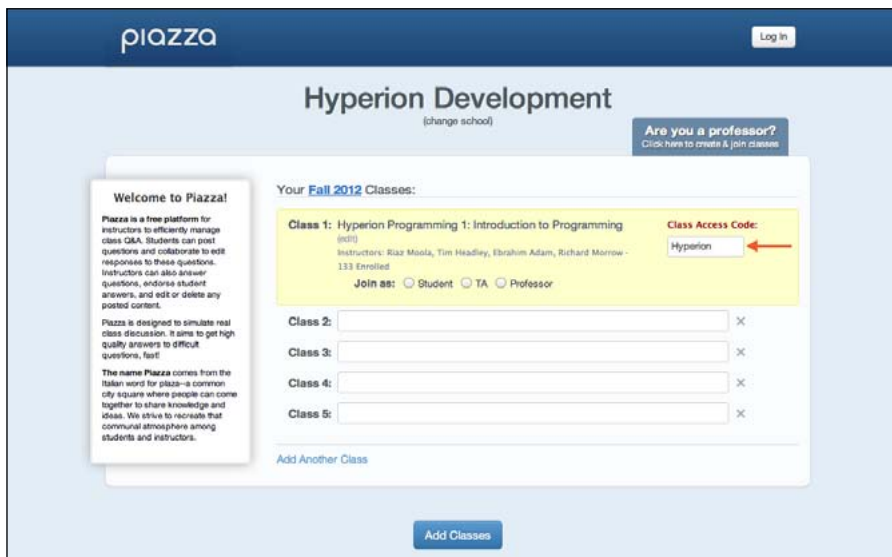
Please refer to the pdf file **AdditionalReading.pdf** if you would like more examples of Python coding and explanations.

If you having problems understanding example.py or how to complete Task 1, please contact **students@hyperiondev.com** . One on one help sessions are available over the internet or in person in Westville, Durban or UKZN (Westville Campus) and these can be arranged by contacting Riaz. **We employ paid teachers who are here to help you!**

# Getting help on Piazza

**You will need internet access on any device (even a phone) to complete this step.**

1. Visit the following web address: **www.tinyurl.com/hyperionpiazza**



2. The above should appear. Enter "**Hyperion**" in the "Class Access Code" field.

3. Select "**Student**" by clicking the circle to its left. Then click "**Add Classes**".
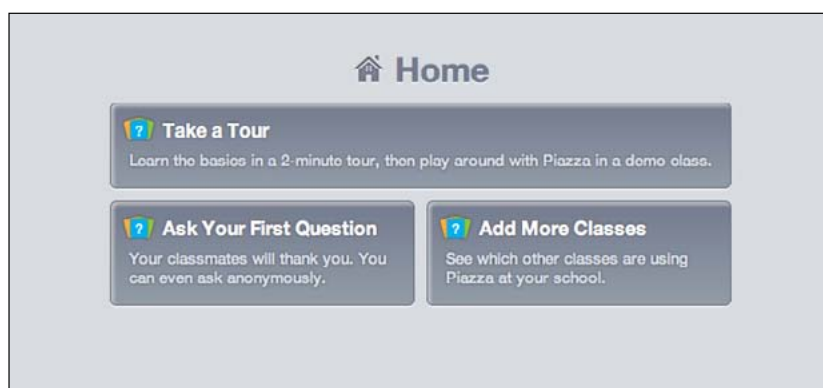


4. Proceed to enter your **email address** and confirm to enrol for our programming course.
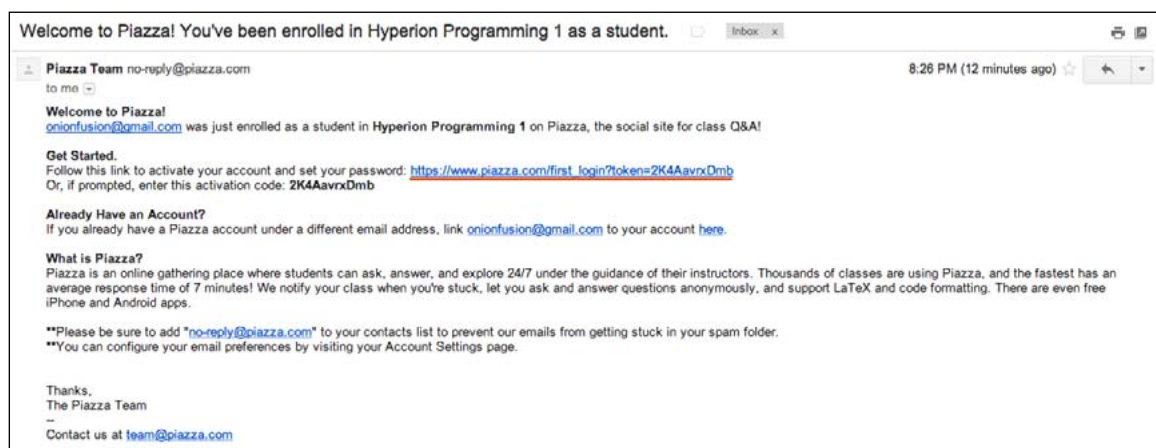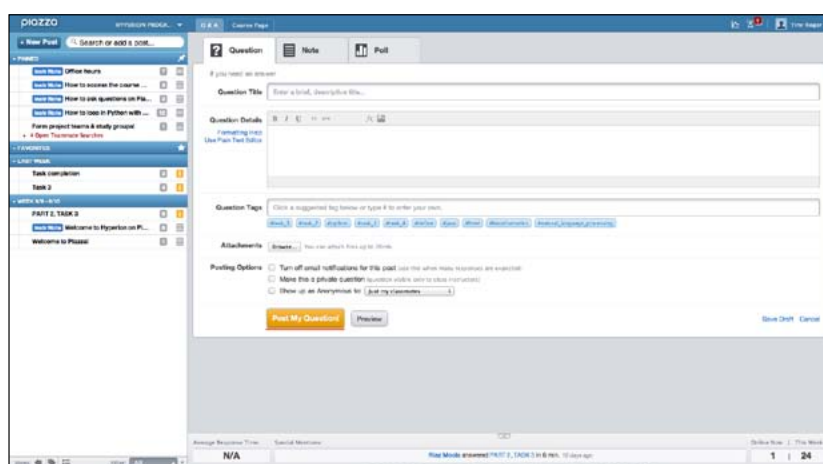


5. You should soon receive an email like above, guiding you on how to **confirm** and begin your learning with Hyperion.
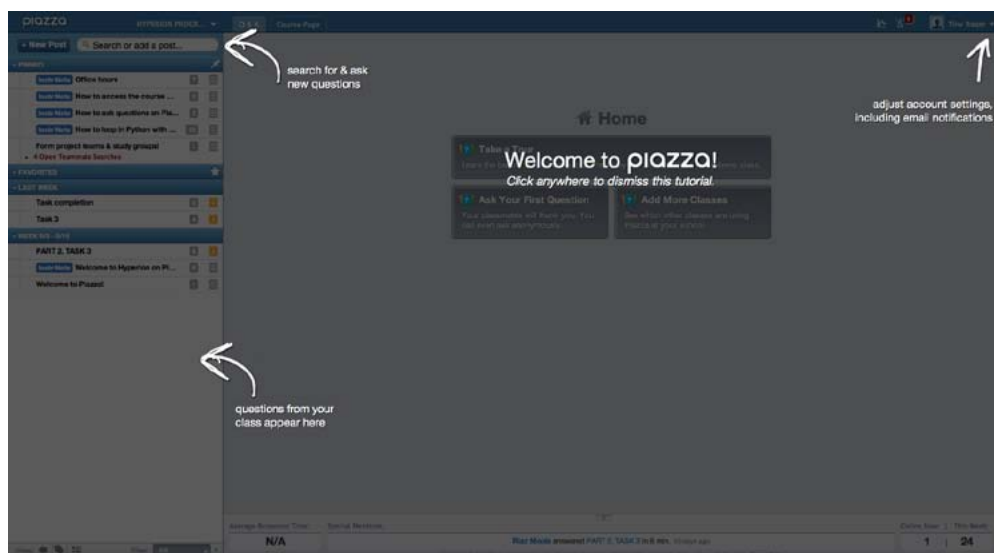
6. Once you log in to your Piazza home page, **click anywhere to dismiss** the tutorial.



7. We recommend that you **"Take a Tour"** before continuing. Once you've completed the tour, click **"New Post"** top-left to post a question for our teachers to assist you with.



8. Here you can choose a **Question Title**, type out your **Question Details**, add **Question Tags** that make your question easier to recognise and add **attachments**. Our teachers will be notified once you click "**Post My Question!**" and assist you.

# Getting help on Facebook
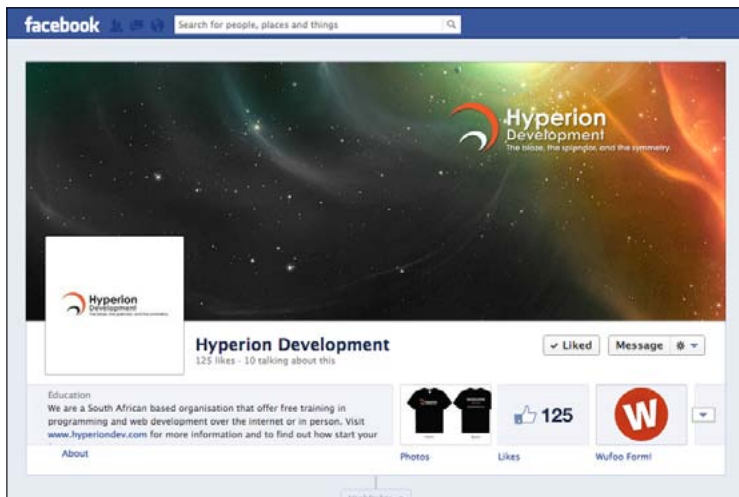


1.  Find us at **www.facebook.com/hyperiondev**, where you can "like" *Hyperion Development* and (only if you cannot get assistance through Piazza) post any questions or any requests for help on our wall.

### If there are any specific areas that are unclear or areas that require additional information:

Please add to 'What do you want to learn.txt' and one of our teachers will assist you once they read your request.

### A peek ahead:

Task 2: Learning about control structures in Python and programming.

*Good luck!*