Intro to CS – Asynchronous Lesson for January 26th, 2021

Purpose of the lesson: Introducing another tool the students can use to help in learning to code Python. Since the first semester of Intro to CS focused on developing an understanding for creating coded scripts in SNAP! Build Your Own Blocks. The utilization of an online resource called Trinket.io might be beneficial to aid the student in scripting in Python since Trinket.io allows you to use the building block concept and writes the Python code for you.

STEP 1: Create a profile on Trinket.io. https://trinket.io [Suggestion] - Use your Austin High School credentials to make it easier to remember your login…
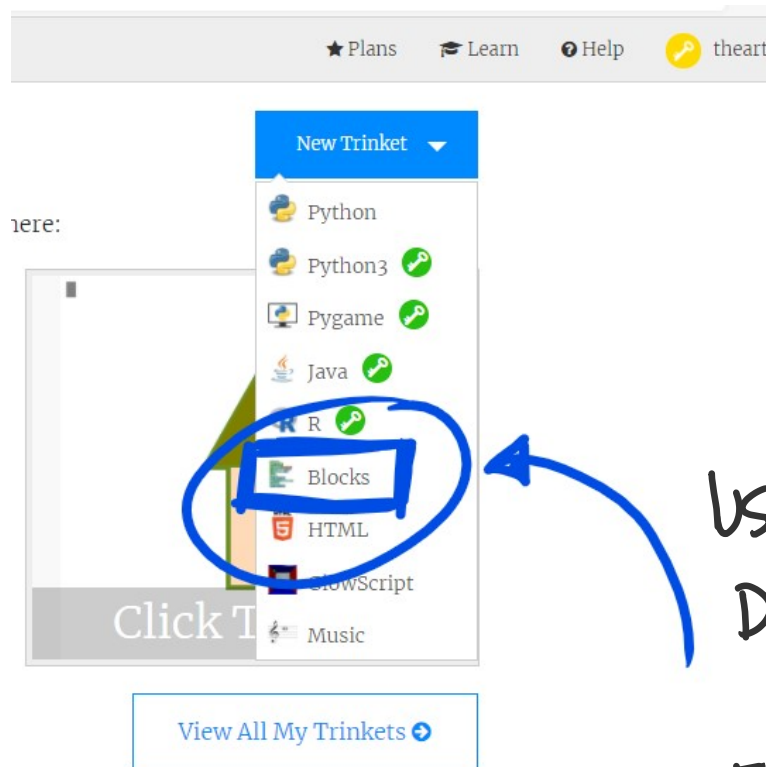
STEP 2: Once logged into Trinket.io, you must go to the Blocks section... make sure you go to the Home page, and the use the drop-down menu to go to the Blocks section.
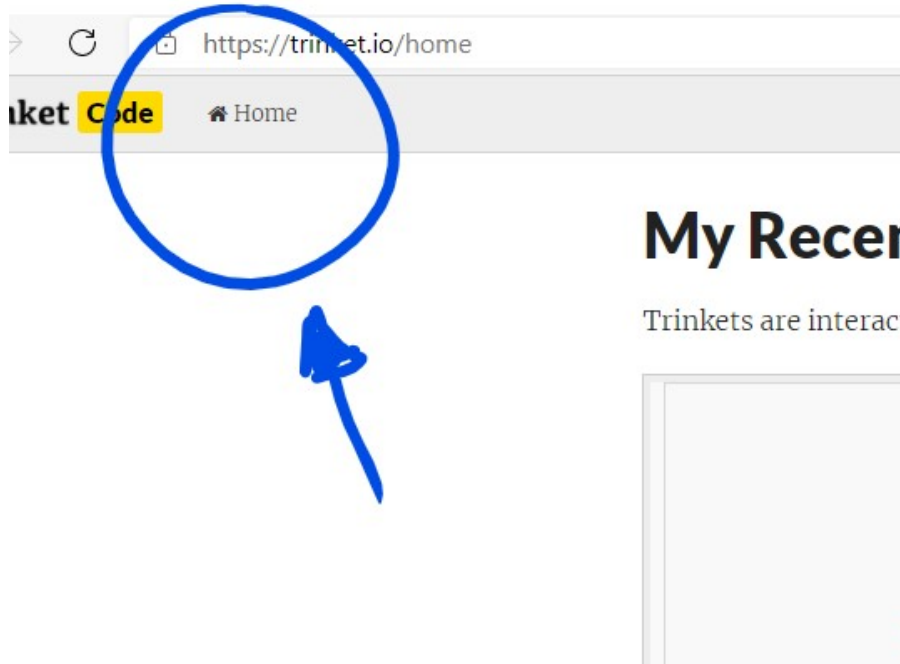

HERE IS THE HOME PAGE SELECTION

USE THE DROP DOWN MENU TO SELECT BLOCKS

STEP 3: In the Blocks section, this is not exactly like SNAP! You will have to experiment with the Blocks in this application if this is something you want to use. Using the video on YouTube - https://youtu.be/MfnDN5sJlhE you will see a little bit of an explanation on the different types of blocks in Trinket.io.
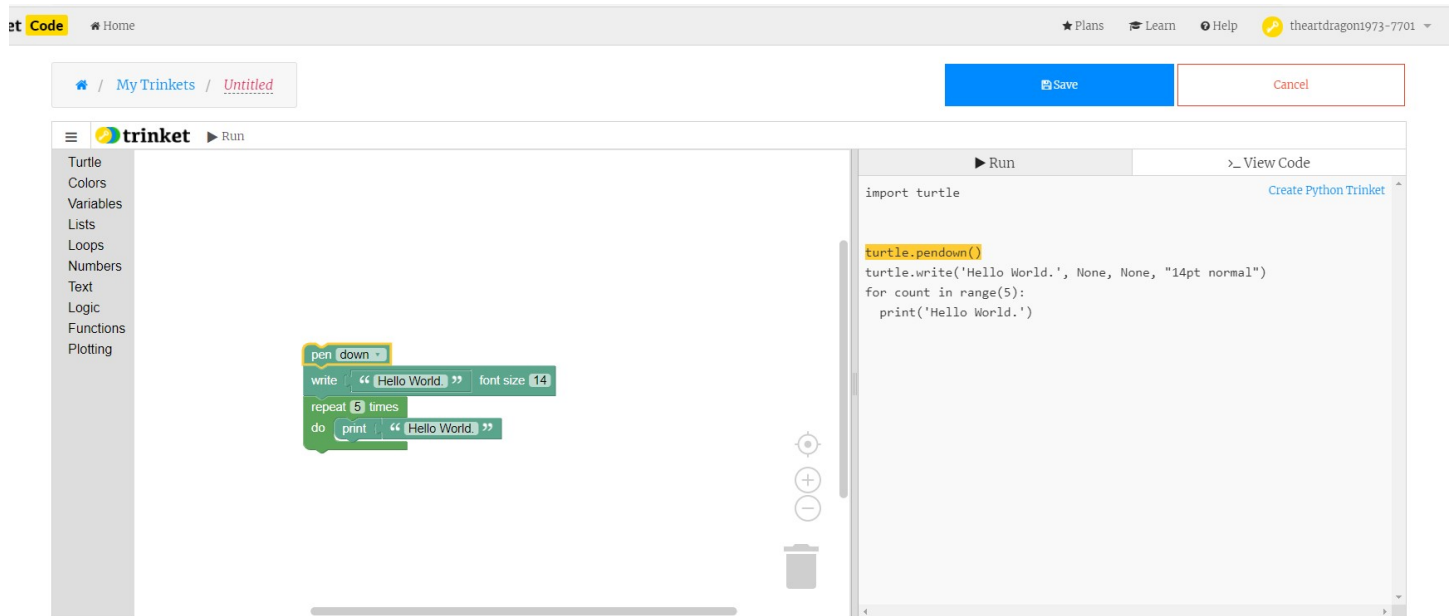
STEP 4: Create the Blocks you see in the above picture and then you will generate the code using the View Code area to the right.
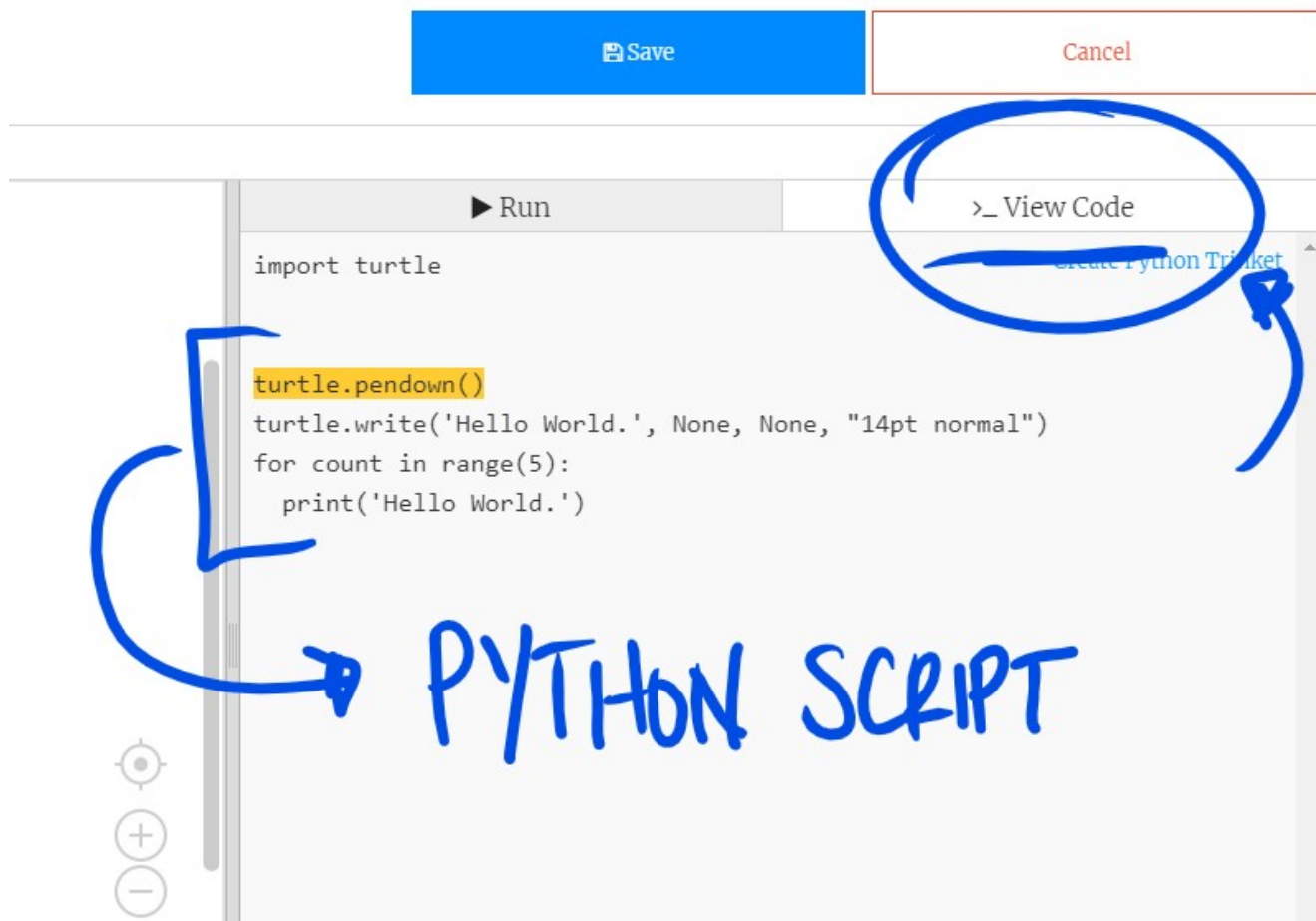
STEP 5: Once you have the script you can copy (Hot keys are CTRL + C) the script, and then open REPL.it **[YOU SHOULD ALREADY HAVE IT OPEN… and you should be reading this PDF inside REPL.it]** and paste (Hot keys are CTRL + V) the code into the main.py on the Asynchronous project.

THINGS TO REMEMBER:

- Submit your work when you are done.
- REPL.it automatically saves.
- The YouTube video link is: https://youtu.be/MfnDN5sJlhE
- Remind.com is a way you can contact anyone in the TEALS teaching team.