# **MEET Y1 Unit 5 Lab 2: Tuples!**

**Shell**

Run these two lines of code by **typing** them in the **shell**.

>>> x,y,z = (3,4,5)

>>> my\_tuple = (3,4,5)

What gets printed to the screen after running the code in each box? (some boxes produce errors). First, you should **guess**, and then check the answer in the **shell**.

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| --- | --- | --- |
| Input | Guess | Shell Output |
| >>> print(x+y+z) | 12 | 12 |
| >>> print(my\_tuple+my\_tuple) | (3, 4, 5, 3, 4, 5) | (3, 4, 5, 3, 4, 5) |
| >>> print(x\*3) | 9 | 9 |
| >>> print(my\_tuple\*3) | (3, 4, 5, 3, 4, 5, 3, 4, 5) | (3, 4, 5, 3, 4, 5, 3, 4, 5) |
| >>> print(my\_tuple[0]==x) | True | True |
| >>> print(x[0]) | Type error | Traceback (most recent call last):  File "<pyshell#8>", line 1, in <module>  print(x[0])  TypeError: 'int' object is not subscriptable |
| >>> my\_tuple[0]=17  >>> print(my\_tuple) | Type error | Traceback (most recent call last):  File "<pyshell#9>", line 1, in <module>  my\_tuple[0]=17  TypeError: 'tuple' object does not support item assignment |
| >>> x=17  >>> print(x) | 17 | 17 |
| >>> import turtle  >>> print(turtle.pos()) | 0.0 | (0.00,0.00) |
| >>> print(type(turtle.pos())) | We did not learn classes yet. | <class 'turtle.Vec2D'> |

Survey Link: <https://docs.google.com/forms/d/e/1FAIpQLSe6vSrShyrutuneets8vJHe_bhchpsBHZNp_RccRIv46K8GsQ/viewform?usp=sf_link>