Which of the following expressions will return an error in Python? What will the error be? How can you fix it?

```
> HYDRANGEA*4
> "cowpalace"**39281
> eLiZaBeTh_Warr-en + eLiZaBeTh_Warr-en
> #1student = daniel
  print #1student
> help! = "call 911"
  print (help!) + immediately
```

Get ready:

Which of the following expressions will return an error in Python? What will the error be? How can you fix it?

> HYDRANGEA * 4   **name 'HYDRANGEA' is not defined**

> "cowpalace" * * 39281   unsupported operand type(s) for * * or pow(): 'str' and 'int'

> eLiZaBeTh_Warr-en + eLiZaBeTh_Warr-en
name 'eLiZaBeTh_Warr' is not defined

> #1student = daniel
print #1student   **No error, will not print anything**

> help! = "call 911"
print (help!) + immediately   **Invalid syntax (!)**

Unit 1 quiz!

What's "syntax?"

It's the rules that determine the correct structure of a program.

Which of these are legal sentences in English?

"Lunch with me eat where?"

"I @m #31 year$ old."

"The earth was created 100 years ago."

"Everyone agrees that sharkfin soup is delicious."

"Watch Selma this Friday, let us."

Which of these are legal sentences in English?

"Lunch with me eat where?" **illegal**

"I @m #31 year$ old." **illegal**

"The earth was created 100 years ago."

"Everyone agrees that sharkfin soup is delicious."

"Watch Selma this Friday, let us." **illegal**

Python has its own **syntax** - its own "tokens" (word$) and "structure" (the way those words can be put together.)

Today's lesson:

> **help!** = "call 911"
  print (**help!**) + immediately

Invalid syntax (!)

> **name** = "REALM"
  print name +3i2/name

Invalid syntax (!)

Your turn:

* Focus on exercise 6!

OR

* Create a Mad-Libs generator!

AND

* Create and share a Google Drive folder with me (refer to Unit1_4)