

Learning Exercise: Python Types & Variables

Try to answer the questions below & predict the program's output **without** running the code. If stuck, you may **run** the programs.

04.code/types.py

Intro to python types

```
print(type("hello"))
print(type('world'))
print(type(34))
print(type(-3.4))
print(type(3400000000000000))
print(type(True))
print(type(False))
```

Q1: What does print do?

displays to console/screen

Q2: What does type do?

gets type

Q3: What are the basic types in python?

int, float, string, complex, bool

04.code/variable.py

Intro to python variables

create a variable & assign it a value

```
madlibs = "rocks!"
```

print it out

```
print("CS", madlibs)
print("CS" + madlibs)
```

Q1: What's the value of madlibs?

rocks!

Q2: What's the type of madlibs?

string

Q3: What's the difference between , & + inside print?

, gives space + doesn't