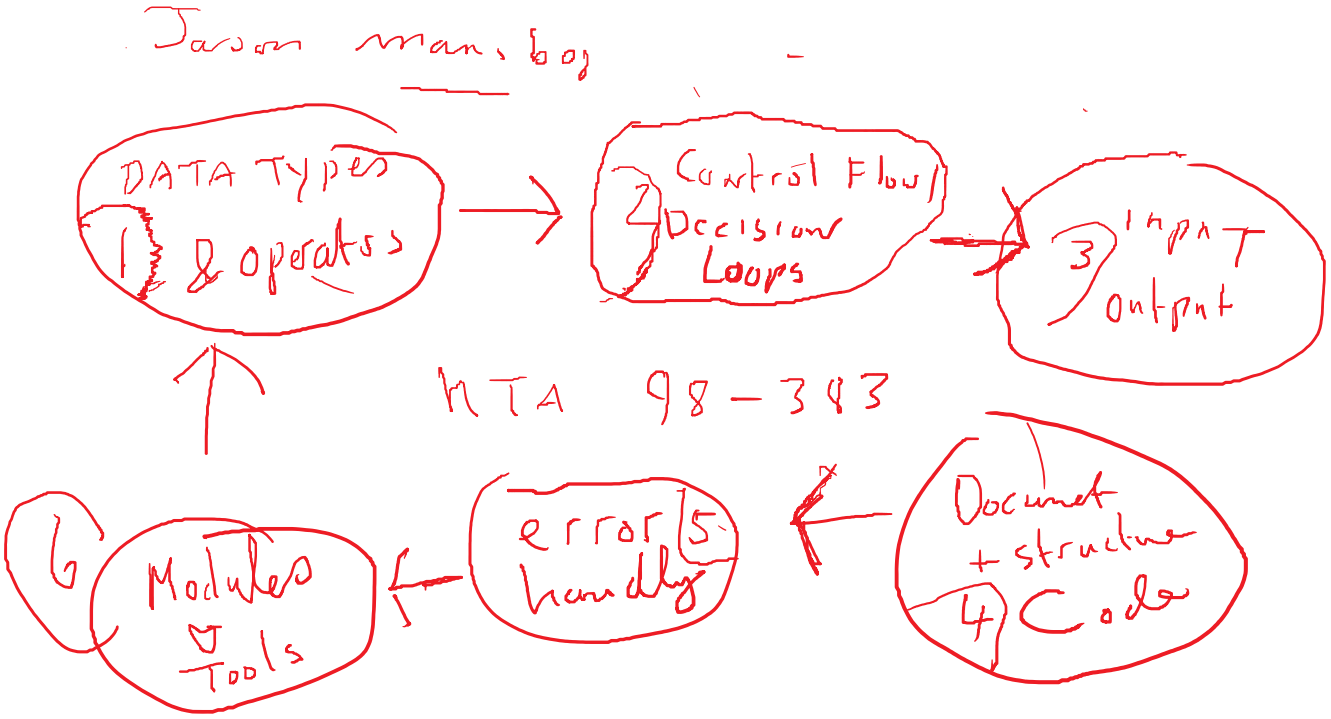
07 April 2021 18:30



08 April 2021 07:44

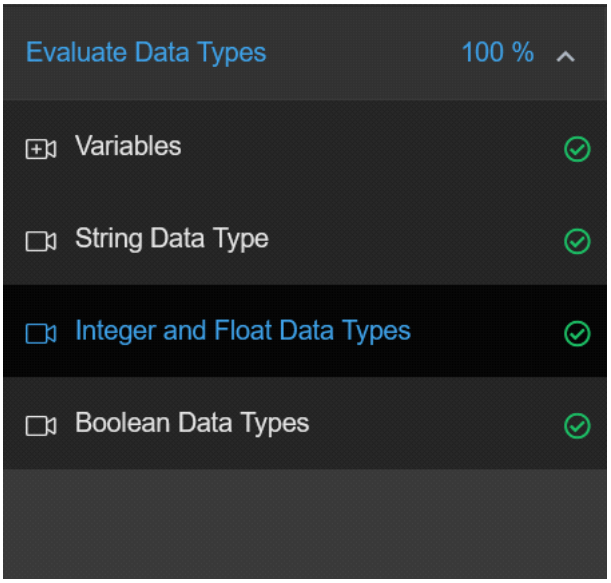
(1) Evaluate data Types

(a) Variable

(b) String data Type

(c) Integer & Float data types

(d) Boolean Data Types



07 April 2021 20:15

4 Variables

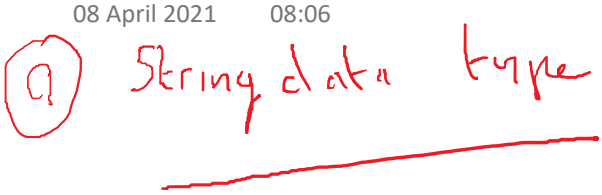
1. CamelCase best practice
2. Case sensitive
3. no spaces
4. Cannot start with number

Python loosely typed

→ Do not need to be declared before use

```
print("my first name is %s" % fname)
```

08 April 2021 08:06



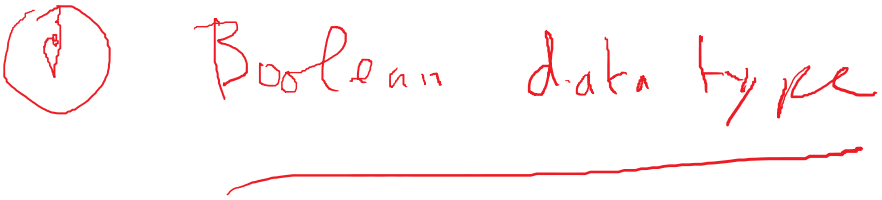

```
>>> firstName="thomas"
>>> lastName="dowling"

>>> print(firstName, lastName)
thomas dowling

>>> print(firstName+lastName)
thomasdowling
>>> print(f"My firstname is {firstName} and my lastName is {lastName}")
My firstname is thomas and my lastName is dowling

>>> "my first name is {} and my last name is {}".format(firstName, lastName)
'my first name is thomas and my last name is dowling'


>>> print("my first name is %s and my last name is %s" % (firstName, lastName))
my first name is thomas and my last name is dowling
```

08 April 2021 08:42


```
>>> myFloat=2.35
>>> print("my float" + myFloat)

Traceback (most recent call last):
  File "<pyshell#13>", line 1, in <module>
    print("my float" + myFloat)
TypeError: can only concatenate str (not "float") to str

>>> print("myFloat", myFloat)
myFloat 2.35

>>> print("myFloat" +str(myFloat))
myFloat2.35
```

Note

08 April 2021 09:20




```
>>> north=200
>>> south=400

>>> northwins=north>south
>>> southwins=south>north

>>> print(f'north > than south is {northwins}')
north > than south is False

>>> print(f"South > North is {southwins}")
South > North is True
```