Variables and Data Types Workshop

```python
# Good Variable Names

my_first_variable = "Yes"
MyFirstVariable = "Fun times"

myFirstVariable = MyFirstVariable

# Bad Variable Names

# 1variable
# my first variable
# my.first.variable

# Case Sensitive
# myFirstVariable is not the same as MyFirstVariable

print(myFirstVariable)

# Change myFirstVariable to "I'm an awesome data science student"
#Change myFirstVariable to "MyFirstVariable" - will get an error, move it and try again

# Strings

StringExample = 'This will work'
StringExample2 = "This will work"
StringExample3 = """This
 will
work"""

# StringExample4 = 'This won't work'
# StringExample5 = "She said, "This will not work.""

# Using Escape Characters

AddingIndents = "\tIndenting is fun!"
print(AddingIndents)

AddingNewLines = "What if I \n had this on two lines?"
print(AddingNewLines)

# Numbers

DoingMathWithIntegers = 2 + 2
DoingMathWithFloats = 2.1 + 2.1
print(DoingMathWithIntegers)
```

```python
print(DoingMathWithFloats)

# Booleans

Asleep = True
PassClass = False
```