Example #1 - First Program

print("Cameron Kazmarski")

Example #2 - Variables (Integers)

price = 10

print(price)

Example #3 - Variables

price = 10

price = 20

print(price)

Example #3 - Float

rating = 4.9

print(rating)

Example #4 - String

name = "Mosh"

print(name)

Example #5 - Boolean and variables with multiple words

is\_published = False

print(is\_published)

Example #6 - Variable Exercise

full\_name = "John Smith"

age = 20

is\_new = True

Example #6 - Input

name = input("What is your name? ")

print("hi " + name)

Example #7 - Input Exercise

name = input("What is your name? ")

print("hi " + name)

favorite\_color = input("What is your favorite color? ")

print(name + " likes " + favorite\_color)

Example #7 - Converting variable types

birth\_year = input("Birth year: ")

age = 2021 - int(birth\_year)

print(age)

Example #8 - Showing the conversion of variable types

birth\_year = input("Birth year: ")

print(type(birth\_year))

age = 2021 - int(birth\_year)

print(type(age))

print(age)

Example #9 - Variable conversion exercise

weight\_pounds = input("What is your weight in pounds?: ")

print(type(weight\_pounds))

weight\_kg = 0.453592 \* int(weight\_pounds)

print(type(weight\_kg))

print(weight\_kg)

Example #10 - Strings using apostrophes

course = "Python's course for beginners"

print(course)

Example #11 - Strings using quotes

course = 'Python for "beginners"'

print(course)

Example #12 - Multi line string that can use both apostrophes and quotation marks

course = """

Hi John,

Here is our first email to you.

Thank you,

The support team

"""

print(course)

Example #13 - Pulling a number out of a string(index)

course = "Python for beginners"

print(course[0])

Example #14 - Pulling a number out of a string(index) 2

course = "Python for beginners"

print(course[-1])

Example #15 - Multiple indexes

course = "Python for beginners"

print(course[0:3])

Example #16 - Indexing the whole string

course = "Python for beginners"

print(course[0:])

Example #17 - Indexing the whole string except the first character

course = "Python for beginners"

print(course[1:])

Example #18 - Indexing the whole string before the sixth character

course = "Python for beginners"

print(course[:5])

Example #19 - Copying a string

course = "Python for beginners"

another = course[:]

print(another)

Example #20 - Strings exercise

name = "Jennifer"

print(name[1:-1])

Example #21 - Strings without formatting

first = "John"

last = "Smith"

message = first + " [" + last + "] is a coder"

print(message)

Example #22 - Strings with formatting (I did it a different way than in the video because it would not work)

first = "John"

last = "Smith"

message = first + " [" + last + "] is a coder"

msg = "{first} [{last}] is a coder".format(first = "John", last = "Smith")

print(msg)

Example #23 - Len

course = "Python for Beginners"

print(len(course))

Example #24 - Uppercase method

course = "Python for Beginners"

print(course.upper())

Example #25 - Methods make a new string

course = "Python for Beginners"

print(course.upper())

print(course)

Example #26 - Lowercase method

course = "Python for Beginners"

print(course.upper())

print(course.lower())

print(course)

Example #27 - Find method

course = "Python for Beginners"

print(course.find("P"))

Example #28 - Find a sequence of characters

course = "Python for Beginners"

print(course.find("Beginners"))

Example #29 - Replace method

course = "Python for Beginners"

print(course.replace("Beginners", "Absolute Beginners"))

Example #30 - In method

course = "Python for Beginners"

print("Python" in course)