```python
"""My Integration Project"""
__author__ = "Amanda Stampfli"
"""Python is a way for students to practice coding as well as a good place to
# understand how your computer works."""
print("Hello, welcome to my code! My name is Amanda Stampfli!")
# My birthday
print('06', '05', '2001', sep='-')
# UIN Number:
print('815227057', sep=" ")
print('Birthday of', 'Sean', sep=' ', end=' ')
# \n: Allows a new line
print('04', '07', '2004', sep='-', end='\n')
print('ajstampfli', '7057', sep='', end='@')
print('eagle.fgcu.edu')
print("Enter your favorite place to eat:")
"""The input() function allows a string"""
x = input()
print("It is, " + x)
print("Enter your best friend's name: ")
x = input()
print("Her name is " + x)
# Squared
x = 7
y = 2
print(x ** y)
# Cubed
tomato = 8
potato = 3
print(tomato ** potato)
# Multiplication
food = 23
water = 30
print(food * water)
# Division
Disney = 111
World = 11
print(Disney / World)
# Divide and round down
Naples = 112
Florida = 60
print(Naples // Florida)
# Addition
Laugh = 235
Love = 600
print(Laugh + Love)
# Subtraction
Fun = 50035
Land = 22205
print(Fun - Land)
# Divide and output remainder
Billie = 11
Eilish = 3
print(Billie % Eilish)
# Shortcut Functions
Office = 23
Office += 3
print(Office)
dog = 15
dog *= 22
print(dog)
cat = 65
cat /= 55
print(cat)
Birds = 64
Birds //= 2
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print(Birds)
# Sprint 2:
grade = 98
if grade >= 95:
    """This is to test the temperature outside is good enough to go outside."""
    print("Very good.")
temp = int(input("Enter the temperature: "))
if temp >= 75:
    print("Yay!")
else:
    if temp >= 45:
        print("Too cold")
    else:
        print("Not so good.")
num = 45
if num > 0:
    print("Good number")
elif num == 0:
    print("Zero")
else:
    print("Not a good number")
money = 20.00
if money >= 20:
    print("Good amount")
elif money < 20:
    print("I'm broke")
drink = 22
if drink != 25:
    print("Not true")
else:
    print("True")
mountain = 0
while mountain < 20:
    print("The mountain is:", mountain)
    mountain = mountain + 1
print("Goodbye!")
Dogs = ["Labrador", "Great Dane", "Husky"]
for x in Dogs:
    print(x)
for x in range(10, 24, 2):
    print(x, end=" ")
name = input("what is your dog's name: ")
for x in range(10):
    for x in range(7):
        print(name + " ", end=" ")
print()


def the_best():
    print("Hello from everyone")


the_best()


def my_ownfunction(fcats):
    print(fcats + " Stampfli")


my_ownfunction("Nacho")
my_ownfunction("Potato")
my_ownfunction("Inky")
while True:
    try:
        radius = int(input("Enter the radius: "))
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        break
    except ValueError:
        print("Error. Must be a whole number.")
userInput = input("Enter a string that contains only letters: ")
if userInput.isalpha():
    print("Yes, it is valid.")
else:
    print("No, it will not have all letters.")
numString = input("Enter a number: ")
if numString.isdigit():
    num = int(numString)
    print(num, "to the sixth power is", num**6)
else:
    print("Oops! Not valid.")
    print("Goodbye!")
math = "A love hate relationship."
"""This function will give spaces to the sentences."""
english = 0
for index in range(len(math)):
    if math[index].isspace():
        english += 1
print("You will live and deal with ", math)
print("Yes, you are in", english, "years of it.")
"""My sources come from the POGIL's provided in class
and https://www.tutorialspoint.com/python/assignment_operators_example.htm"""
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