University of Washington

Class: IT FDN 100 A Sp 17: Foundations Of Programming: Python

Document: Module 2 Assignment 02

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* Create a new program that asks the user to input 2 numbers then prints out the sum, difference, product, and quotient.

1. Code:
   1. Create the two value input script

strN1 = input("Enter the first number: ")

strN2 = input("Enter the second number: ")

* 1. Create the ‘sum’ script

fltSum = float(strN1) + float(strN2) #sum

* 1. Create the ‘difference’ script

fltDif = float(strN1) - float(strN2) #difference

* 1. Create the ‘product’ script

fltProd = float(strN1) \* float(strN2) #product

* 1. Create the ‘quotient’ script

fltQuo = float(strN1) / float(strN2) #quotient

* 1. Create the four print ()

print('The sum of', strN1, 'and', strN2, 'is:', fltSum)

print('The difference of', strN1, 'and', strN2, 'is:', fltDif)

print('The product of', strN1, 'and', strN2, 'is:', fltProd)

print('The quotient of', strN1, 'and', strN2, 'is:', fltQuo)

1. **Output:**

Input 100 and 20, and run the script.

Python 3.6.1 (v3.6.1:69c0db5, Mar 21 2017, 18:41:36) [MSC v.1900 64 bit (AMD64)] on win32

Type "copyright", "credits" or "license()" for more information.

>>>

RESTART: C:/Users/Hiroyuki Takechi/AppData/Local/Programs/Python/Python36/Assignment02.py

Enter the first number: 100

Enter the second number: 20

The sum of 100 and 20 is: 120.0

The difference of 100 and 20 is: 80.0

The product of 100 and 20 is: 2000.0

The quotient of 100 and 20 is: 5.0

>>>

Full Code:

'''--------------------------------------------------

Dev:Hiroyuki Takechi

Assignment 02: Create a new program that asks the user

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strN1 = input("Enter the first number: ")

strN2 = input("Enter the second number: ")

fltSum = float(strN1) + float(strN2) #sum

fltDif = float(strN1) - float(strN2) #difference

fltProd = float(strN1) \* float(strN2) #product

fltQuo = float(strN1) / float(strN2) #quotient

print('The sum of', strN1, 'and', strN2, 'is:', fltSum)

print('The difference of', strN1, 'and', strN2, 'is:', fltDif)

print('The product of', strN1, 'and', strN2, 'is:', fltProd)

print('The quotient of', strN1, 'and', strN2, 'is:', fltQuo)

Citation:

1. <http://jerz.setonhill.edu/writing/academic1/mla-style-papers/>