# -\*- coding: utf-8 -\*-

"""

Created on Mon Apr 23 19:31:57 2018

@author: ALOK

"""

# This python program performs performs addition, subtraction, multiplication and division

# of two Panda Series data

# Panda libraries is used to do the computation

# Panda libraries provide rich time-series functionality , data alignment, NA-friendly statistics,

#groupby, merge, and join methods.

import pandas as pd

A = pd.Series([12, 14, 16, 18, 20])

B = pd.Series([11, 13, 15, 17, 19])

C = A + B

print("Add two Series:")

print(C)

print("Subtract two Series:")

C = A - B

print(C)

print("Multiply two Series:")

C = A \* B

print(C)

print("Divide Series1 by Series2:")

C = A / B

print(C)

**OUTPUT ON ANACONDA CONSOLE WINDOW**

Python 2.7.14 |Anaconda, Inc.| (default, Nov 8 2017, 13:40:45) [MSC v.1500 64 bit (AMD64)]

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

IPython 5.4.1 -- An enhanced Interactive Python.

? -> Introduction and overview of IPython's features.

%quickref -> Quick reference.

help -> Python's own help system.

object? -> Details about 'object', use 'object??' for extra details.

runfile('C:/Users/ALOK/home/untitled12.py', wdir='C:/Users/ALOK/home')

Add two Series:

0 23

1 27

2 31

3 35

4 39

dtype: int64

Subtract two Series:

0 1

1 1

2 1

3 1

4 1

dtype: int64

Multiply two Series:

0 132

1 182

2 240

3 306

4 380

dtype: int64

Divide Series1 by Series2:

0 1.090909

1 1.076923

2 1.066667

3 1.058824

4 1.052632

dtype: float64



