**52167**

**Programming & Scripting**

**Exercise 5**

Please complete the following exercise this week. Write a Python script that reads the Iris data set in and prints the four numerical values on each row in a nice format. That is, on the screen should be printed the petal length, petal width, sepal length and sepal width, and these values should have the decimal places aligned, with a space between the columns.

#Oilbhe Daszynska, 2018-03-04

#Irish Data displayed in columns

with open("data/Irisdata.csv") as f:

for line in f:

print('{:6} {:6} {:6} {:6}'.format(line.split(',')[0], line.split(',')[1], line.split(',')[2], line.split(',')[3]))

C:\Users\FatherJack\Desktop\Python Beg>python openfile.py

"5.1 3.5 1.4 0.2

"4.9 3.0 1.4 0.2

"4.7 3.2 1.3 0.2

"4.6 3.1 1.5 0.2

"5.0 3.6 1.4 0.2

"5.4 3.9 1.7 0.4

"4.6 3.4 1.4 0.3

"5.0 3.4 1.5 0.2

"4.4 2.9 1.4 0.2

"4.9 3.1 1.5 0.1

"5.4 3.7 1.5 0.2

"4.8 3.4 1.6 0.2

"4.8 3.0 1.4 0.1

"4.3 3.0 1.1 0.1

"5.8 4.0 1.2 0.2

"5.7 4.4 1.5 0.4

"5.4 3.9 1.3 0.4

"5.1 3.5 1.4 0.3

"5.7 3.8 1.7 0.3

"5.1 3.8 1.5 0.3

"5.4 3.4 1.7 0.2

"5.1 3.7 1.5 0.4

"4.6 3.6 1.0 0.2

"5.1 3.3 1.7 0.5

"4.8 3.4 1.9 0.2

"5.0 3.0 1.6 0.2

"5.0 3.4 1.6 0.4

"5.2 3.5 1.5 0.2

"5.2 3.4 1.4 0.2

"4.7 3.2 1.6 0.2

"4.8 3.1 1.6 0.2

"5.4 3.4 1.5 0.4

"5.2 4.1 1.5 0.1

"5.5 4.2 1.4 0.2

"4.9 3.1 1.5 0.1

"5.0 3.2 1.2 0.2

"5.5 3.5 1.3 0.2

"4.9 3.1 1.5 0.1

"4.4 3.0 1.3 0.2

"5.1 3.4 1.5 0.2

"5.0 3.5 1.3 0.3

"4.5 2.3 1.3 0.3

"4.4 3.2 1.3 0.2

"5.0 3.5 1.6 0.6

"5.1 3.8 1.9 0.4

"4.8 3.0 1.4 0.3

"5.1 3.8 1.6 0.2

"4.6 3.2 1.4 0.2

"5.3 3.7 1.5 0.2

"5.0 3.3 1.4 0.2

"7.0 3.2 4.7 1.4

"6.4 3.2 4.5 1.5

"6.9 3.1 4.9 1.5

"5.5 2.3 4.0 1.3

"6.5 2.8 4.6 1.5

"5.7 2.8 4.5 1.3

"6.3 3.3 4.7 1.6

"4.9 2.4 3.3 1.0

"6.6 2.9 4.6 1.3

"5.2 2.7 3.9 1.4

"5.0 2.0 3.5 1.0

"5.9 3.0 4.2 1.5

"6.0 2.2 4.0 1.0

"6.1 2.9 4.7 1.4

"5.6 2.9 3.6 1.3

"6.7 3.1 4.4 1.4

"5.6 3.0 4.5 1.5

"5.8 2.7 4.1 1.0

"6.2 2.2 4.5 1.5

"5.6 2.5 3.9 1.1

"5.9 3.2 4.8 1.8

"6.1 2.8 4.0 1.3

"6.3 2.5 4.9 1.5

"6.1 2.8 4.7 1.2

"6.4 2.9 4.3 1.3

"6.6 3.0 4.4 1.4

"6.8 2.8 4.8 1.4

"6.7 3.0 5.0 1.7

"6.0 2.9 4.5 1.5

"5.7 2.6 3.5 1.0

"5.5 2.4 3.8 1.1

"5.5 2.4 3.7 1.0

"5.8 2.7 3.9 1.2

"6.0 2.7 5.1 1.6

"5.4 3.0 4.5 1.5

"6.0 3.4 4.5 1.6

"6.7 3.1 4.7 1.5

"6.3 2.3 4.4 1.3

"5.6 3.0 4.1 1.3

"5.5 2.5 4.0 1.3

"5.5 2.6 4.4 1.2

"6.1 3.0 4.6 1.4

"5.8 2.6 4.0 1.2

"5.0 2.3 3.3 1.0

"5.6 2.7 4.2 1.3

"5.7 3.0 4.2 1.2

"5.7 2.9 4.2 1.3

"6.2 2.9 4.3 1.3

"5.1 2.5 3.0 1.1

"5.7 2.8 4.1 1.3

"6.3 3.3 6.0 2.5

"5.8 2.7 5.1 1.9

"7.1 3.0 5.9 2.1

"6.3 2.9 5.6 1.8

"6.5 3.0 5.8 2.2

"7.6 3.0 6.6 2.1

"4.9 2.5 4.5 1.7

"7.3 2.9 6.3 1.8

"6.7 2.5 5.8 1.8

"7.2 3.6 6.1 2.5

"6.5 3.2 5.1 2.0

"6.4 2.7 5.3 1.9

"6.8 3.0 5.5 2.1

"5.7 2.5 5.0 2.0

"5.8 2.8 5.1 2.4

"6.4 3.2 5.3 2.3

"6.5 3.0 5.5 1.8

"7.7 3.8 6.7 2.2

"7.7 2.6 6.9 2.3

"6.0 2.2 5.0 1.5

"6.9 3.2 5.7 2.3

"5.6 2.8 4.9 2.0

"7.7 2.8 6.7 2.0

"6.3 2.7 4.9 1.8

"6.7 3.3 5.7 2.1

"7.2 3.2 6.0 1.8

"6.2 2.8 4.8 1.8

"6.1 3.0 4.9 1.8

"6.4 2.8 5.6 2.1

"7.2 3.0 5.8 1.6

"7.4 2.8 6.1 1.9

"7.9 3.8 6.4 2.0

"6.4 2.8 5.6 2.2

"6.3 2.8 5.1 1.5

"6.1 2.6 5.6 1.4

"7.7 3.0 6.1 2.3

"6.3 3.4 5.6 2.4

"6.4 3.1 5.5 1.8

"6.0 3.0 4.8 1.8

"6.9 3.1 5.4 2.1

"6.7 3.1 5.6 2.4

"6.9 3.1 5.1 2.3

"5.8 2.7 5.1 1.9

"6.8 3.2 5.9 2.3

"6.7 3.3 5.7 2.5

"6.7 3.0 5.2 2.3

"6.3 2.5 5.0 1.9

"6.5 3.0 5.2 2.0

"6.2 3.4 5.4 2.3

"5.9 3.0 5.1 1.8