Joyce Woznica  
IST 652

Week2

Activity 2.5: NBA Program

Code:

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﻿#Name of File: NBAFile.py

#Date Created: 4/5/2020

#Created by: Joyce Woznica

#Purpose of Program: read a file and print results

#

﻿filePath = '/Users/joycewoznica/Syracuse/IST652/Labs/Lab1/NBA-Attendance-1989.txt'

# loop through each line

with open(filePath, 'r') as nbaFile:

for nbaLine in nbaFile:

# strip out newlines

nbaLine = nbaLine.strip('\n')

# split by tabs

nbaVars = nbaLine.split('\t')

# remove any empty items from list created

nbaVars = list(filter(lambda x: x!= "", nbaVars))

# assign variables to each item in list

team, attendance, price = nbaVars

# print required output line

print('Team ' + team)

print('Attendance ' + attendance)

print('Ticket Price $' + price)

Output:

﻿﻿﻿﻿﻿filePath = '/Users/joycewoznica/Syracuse/IST652/Labs/Lab1/NBA-Attendance-1989.txt'

# loop through each line

with open(filePath, 'r') as nbaFile:

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nbaVars = list(filter(lambda x: x!= "", nbaVars))

# assign variables to each item in list

team, attendance, price = nbaVars

# print required output line

print('Team ' + team)

print('Attendance ' + attendance)

print('Ticket Price $' + price)

Team Atlanta

Attendance 13993

Ticket Price $20.06

Team Boston

Attendance 14916

Ticket Price $22.54

Team Charlotte

Attendance 23901

Ticket Price $17

Team Chicago

Attendance 18404

Ticket Price $21.98

Team Cleveland

Attendance 16969

Ticket Price $19.63

Team Dallas

Attendance 16868

Ticket Price $17.05

Team Denver

Attendance 12668

Ticket Price $17.4

Team Detroit

Attendance 21454

Ticket Price $24.42

Team Golden\_State

Attendance 15025

Ticket Price $17.04

Team Houston

Attendance 15846

Ticket Price $17.56

Team Indiana

Attendance 12885

Ticket Price $13.77

Team LA\_Clippers

Attendance 11869

Ticket Price $21.95

Team LA\_Lakers

Attendance 17378

Ticket Price $29.18

Team Miami

Attendance 15008

Ticket Price $17.6

Team Milwaukee

Attendance 16088

Ticket Price $14.08

Team Minnesota

Attendance 26160

Ticket Price $10.92

Team New\_Jersey

Attendance 12160

Ticket Price $13.31

Team New\_York

Attendance 17815

Ticket Price $22.7

Team Orlando

Attendance 15606

Ticket Price $20.47

Team Philadelphia

Attendance 14017

Ticket Price $19.04

Team Phoenix

Attendance 14114

Ticket Price $16.59

Team Portland

Attendance 12884

Ticket Price $22.19

Team Sacramento

Attendance 17014

Ticket Price $16.96

Team San\_Antonio

Attendance 14722

Ticket Price $16.79

Team Seattle

Attendance 12244

Ticket Price $18.11

Team Utah

Attendance 12616

Ticket Price $18.41

Team Washington

Attendance 11565

Ticket Price $14.55