Name: Chen Wang

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Assignment Title: Individual Programming \_2 (part2)\_\_

Summary of how the program should run:

Major:

1. If the input file is FileNotFoundError (No such file)
2. If we should extra input dataset
3. Check word count and align to the right
4. Excel CSV file arrange to txt file

Minor:

1. Inches change to foot + inches
2. Sedentary + Moderate + Active column combine to one: lifestyle column

List of changes made to the original assignment:

1. If the user key in not Y or N option when they are asked if they want to add additional names, we should ask them to enter again.
2. Transfer kg to pound, and title change from 3 spaces to 5 spaces.
3. Allow the user to re-key again when they did not choose the right lifestyle(1,2,3)

Examples of the program (please also upload any attachments necessary):

1. Add else:

**else**:  
 infile = input(**'Sorry, you should keyin Y/N.. Please enter only Y/N again: '**)

Errors that will crash the program or cause illogical problems:

1. In for loop, write can only do once (the final). So we need to put the write in the end, or it will not write each time. (See ‘additem’)

**if** i == **'Y'**:  
 n = eval(input(**'How many more names? '**))  
 **for** a **in** range(n):  
 print(**'----- Person '** + str(a + 1) + **' -----'**)  
 firstname = input(**'First name: '**)  
 lastname = input(**'Last Name: '**)  
 age = input(**'Age: '**)  
 occupation = input(**'Occupation: '**)  
 height = input(**'Height (in inches): '**)  
 weight = input(**'Weight (in pounds): '**)  
 lifestyle = input(**'Lifestyle (1-sedentary, 2-moderate, 3-active): '**)  
 sedentary=**''** moderate=**''** active=**''  
 for** b **in** lifestyle:  
 **if** b == **'3'**:  
 active= **'x'  
 elif** b == **'2'**:  
 moderate= **'x'  
 elif** b == **'1'**:  
 sedentary = **'x'** additem = firstname + **','** + lastname + **','** + age + **','** + occupation + **','** + height + **','** + weight + **','** + sedentary + **','** + moderate + **','** + active + **'\n'** *# storage input data into defined a storage file* secondopen.write(additem)  
 secondopen.close()

1. if one file has already opened and has modified if we need to re-modified the previous plot, we should close it and re-open it again, then we can print out what I want. (for example, see ‘secondopen.close()’, I had already written something into item: secondopen. , So I need to close the file, and then I can reopen again. Or it will read nothing.

secondopen=open(**'test.csv'**,**'w'**)  
**for** b **in** checkfile:  
 secondopen.write(b)

**if** i == **'N'**:  
 secondopen.close()  
 Nofile = open(**'test.csv'**, **'rt'**)  
 Nofile.readline()  
 NoCheck = Nofile.readlines()  
 Nofile.close()

Additional examples or other comments/notes:

1. Kg to pound

**def** kgtopound(kg):  
 kground= round(2.204\*kg,1)  
 **return** kground

a = eval(checksplitagain[4])  
b = eval(checksplitagain[5])  
checkinfo = **'{:>{var1}} {:>{var2}} {:>3} {:>{var3}} {:>5} {:>5} {:>9} \n'**.format(checksplitagain[0],  
 checksplitagain[1],  
 checksplitagain[2],  
 checksplitagain[3],  
 intoft(a),  
 kgtopound(b),  
 lifestyle,  
 var1=longestfirst,  
 var2=longestlast,  
 var3=longestocc)

1. Allow the user to re-key again when they did not choose the right lifestyle (1,2,3)

**for** b **in** lifestyle:  
 **if** b == **'3'**:  
 active= **'x'  
 elif** b == **'2'**:  
 moderate= **'x'  
 elif** b == **'1'**:  
 sedentary = **'x'  
 else**:  
 infile = input(**' Sorry, you can only key in 1, 2,3 only. Please enter lifestyle again: '**)