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# How can Python tell me What directory my file is in???
# can you find your file? Open it up in Notepad++ and add another movie at the end.
# when you read your list the next time you will see your additional movie.
import os
print("The current working directory is " + os.getcwd())

#-----
'''
Your next assignment is to read the history file into a list then sort the list
'''

movielist = [] #create an empty list
history = open("myfile.txt",'r')
while True:
    #read each line of the file into the variable called line
    line = history.readline()
    # if the line contains no data (it is an empty string) then exit the loop. You're done.
    if line == "":
        break
    else:
        # if the line contains data then append it to the list
        movielist.append(line)

# Sorting a list is simple
movielist.sort()

# loop through each movie title in your list and print each, along with a number
# I use index as my loop counter and I start with -1 so I loop through all movies
# Try changing index to 0 or 1... what happens? Do you see all your movies?
index = -1
while index < len(movielist)-1:
    print("{0}. {1}".format(index+2,movielist[index]),end="")
    index +=1

# if you simply pass the list variable to the print statement it will print but not in a
format you may like.
# what are the \n's?
print("\n")
print("Another way to print a list:\n")
print(movielist)
```