

Python Files exercises ¶

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In [ ]: #Q1 Create a text file called mytxt.txt
# Save the following content in the text file:
# "In this section, we will use Python's built-in open function to create a file
# and obtain the data from a "txt" file.
# We will use Python's open function to get a file object.
# We can apply a method to that object to read data from the file.
# The first argument is the file path, the second parameter is the mode."
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In [ ]: #Q1 Write a Python program to read the entire mytxt file
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In [1]: #Q2 Write a Python program to read last 3 lines of mytxt file
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In [ ]: #Q3 Write a Python program to read last n lines of mytxt file
#[Hint: write a function]
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In [ ]: #Q4 count the number of lines in mytxt file
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In [ ]: #Q5 Write a Python program to generate 26 text files named A.txt, B.txt,... Z.txt
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In [ ]: #Q6 Write a Python program to append "End of file" to mytxt file and
# display the text
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In [ ]: #Q7 Write a Python program to remove newline characters from mytxt file
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In [ ]: # Q8 Write a python program to find the longest word in mytxt file
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In [ ]: #Q9 Write a Python program to count the frequency "We" in mytxt file
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In [ ]: #Q10 Write a Python program to build a sign_Up and Login forms for users.
#Your program should validate/authenticate entered credentials for existing users
#or create new accounts for new users
#1 Create "Credentials.txt" file
#2 Add the following information into your Credentials.txt file <Name, Password>
    # Sarah,12ssr
    # Lisa,pass
    # Donna,D00N
#3 Create Login function that takes two inputs (name,password)
    #3.1 Ask the user to enter their username and password
    #3.2 search if the names exist in the Credentials.txt file
        #3.2.1 if the name was found, check if the password is correct
        #3.2.2 return "Welcome <persons name> if the name and password were correct
        #3.2.3 else return "wrong name or password"
    #3.2 if the name doesn't exist return "your name doesn't exist, please create"
#4 Create sign_Up function that takes two inputs(newName,newPassword)
    #Ask user to enter their name and password
    #append the new information into the Credentials.txt file, follow the same format
#5 Test your program by Logging in using the new account
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