Lab Assignment

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# Code:

import os  
from pathlib import Path  
import csv  
from itertools import chain  
from collections import defaultdict  
  
  
def createFile():  
 y = input("Enter file name: ")  
 f = open("D:/Assignment" + "/" + y, "w")  
 print("Success: File = " + y + " successfully created!")  
 f.close()  
  
  
def deleteFile():  
 y = input("Enter file name: ")  
 if os.path.exists("D:/Assignment" + "/" + y):  
 os.remove("D:/Assignment" + "/" + y)  
 print("Success: File = " + y + " successfully deleted!")  
 else:  
 print("Failure: File = " + y + " does not exist")  
  
  
def makedir():  
 y = input("Enter path for the directory: ")  
 try:  
 os.makedirs(y)  
 except OSError:  
 print("Failure: Not created Directory: %s" % y)  
 else:  
 print("Success: Created Directory: %s" % y)  
  
  
def checkdir():  
 y = input("Enter path for the directory: ")  
 if os.path.exists(y):  
 print("Success: Directory exists")  
 else:  
 print("Failure: Directory does not exists")  
  
  
def moveFile():  
 x = input("Enter file current path: ")  
 y = input("Enter file new path: ")  
 Path(x).rename(y)  
  
  
def write\_to\_file():  
 x = input("Enter the the file name: ")  
 y = input("Enter the text to be written: ")  
 f = open(x, "a+")  
 f.write(y)  
 f.close()  
  
  
def writeAtPos(pos):  
 x = input("Enter the the file name: ")  
 y = input("Enter the text to be written: ")  
 f = open(x, "r+")  
 f.seek(pos)  
 f.write(y)  
 f.close()  
  
  
def readFile():  
 x = input("Enter file name: ")  
 f = open(x, "r")  
 print(f.read())  
  
  
def readFileFrom(position):  
 x = input("Enter file name: ")  
 f = open(x, "r")  
 f.seek(position)  
 print(f.read())  
  
def trunc():  
 x = input("Enter the file name: ")  
 y = input("Enter the file size you want to keep: ")  
 f = open(x, "a")  
 f.truncate(y)  
 print(f.read())  
  
def movewithinfile():  
 x = input("Enter file name: ")  
 y = input("Enter starting point: ")  
 z = input("Enter size of chunk: ")  
 q = input("Enter target: ")  
 f = open(x, "r+")  
 b = f.seek(y)