#Program for crearting a Python File

#CreateFile.py

with open("main.py","w") as fp:

print("File created sucessfully")

#Program for Creating a Folder at a time

#CreateFolder.py---mkdir()

import os

try:

os.mkdir("C:\\KVR\\PYTHON")

print("Folder Created Sucessfully")

except FileExistsError:

print("Folder alerady exist")

except FileNotFoundError:

print("Previous Folder does not Exist")

#Program for creating Folder Hierarchy---

#CreateFoldersHierarchy.py---makedirs()

import os

try:

os.makedirs("C:\\INDIA\\HYD")

print("Folder Hierarchy Created --Verfy")

except FileExistsError:

print("Folders Hierarchy already Created ")

#porogram for listing the File OR display the file names in folder

#ListFilesEx1.py

import os

try:

FileNames=os.listdir("E:\\KVR-PYTHON-9AM\\FILES") # Here FileNames is an object of list type

print("---------------------------------------------")

print("List of Files")

print("---------------------------------------------")

for filename in FileNames:

print("\t\t{}".format(filename))

print("---------------------------------------------")

print("Number of File={}".format(len(FileNames)))

print("---------------------------------------------")

except FileNotFoundError:

print("Folder does not exist")

#porogram for listing the File OR display the file names in folder

#ListFilesEx2.py

import os

try:

foldername=input("Enter the Folder Name:")

FileNames=os.listdir(foldername) # Here FileNames is an object of list type

print("---------------------------------------------")

print("List of Files")

print("---------------------------------------------")

for filename in FileNames:

print("\t\t{}".format(filename))

print("---------------------------------------------")

print("Number of File={}".format(len(FileNames)))

print("---------------------------------------------")

except FileNotFoundError:

print("Folder does not exist")

#porogram for listing only Python Files

#ListFilesEx3.py

import os

try:

foldername=input("Enter the Folder Name:")

FileNames=os.listdir(foldername) # Here FileNames is an object of list type

print("---------------------------------------------")

print("List of Files")

print("---------------------------------------------")

nopy=0

for filename in FileNames:

if(filename[-3:]==".py"):

nopy=nopy+1

print("\t\t{}".format(filename))

print("---------------------------------------------")

print("Number of Files={}".format(len(FileNames)))

print("Number of Python Files={}".format(nopy))

print("---------------------------------------------")

except FileNotFoundError:

print("Folder does not exist")

#porogram for listing only Python Files

#ListFilesEx3.py

import os

try:

foldername=input("Enter the Folder Name:")

FileNames=os.listdir(foldername) # Here FileNames is an object of list type

print("---------------------------------------------")

print("List of Files")

print("---------------------------------------------")

nopy=0

for filename in FileNames:

if(filename.endswith(".py")):

nopy=nopy+1

print("\t\t{}".format(filename))

print("---------------------------------------------")

print("Number of Files={}".format(len(FileNames)))

print("Number of Python Files={}".format(nopy))

print("---------------------------------------------")

except FileNotFoundError:

print("Folder does not exist")

#Program for removing the file name

#RemoveFileName.py

import os

try:

os.remove("main.py")

print("File Removed--verify")

except FileNotFoundError:

print("File does not exist")

#program for deleting a Folder at a time

#RemoveFolder.py

import os

try:

os.rmdir("c:\\INDIA")

print("Folder Deleted --Verify")

except FileNotFoundError:

print("Folder does not exist")

except OSError:

print("Folder is not empty:")

#Program for Removing Folders Hierarchy

#RemoveFoldersHierarchy.py

import os

try:

os.removedirs("C:\\KVR\\PYTHON")

print("Folder(s) Hierachy deleted")

except FileNotFoundError:

print("Folder(s) Hierachy Does not Exist")

except OSError:

print("Folder(s) Hierachy is not Empty")

#Program for Renaming a File

#RenameFIle.py

import os

try:

os.rename("hyd.py","main.py")

print("File Name Renamed")

except FileNotFoundError:

print("Source File Name does not Exist")

except FileExistsError:

print("Destination File Name, we u are giving already exist")

#Program for Renaming a Folder

#RenameFolder.py

import os

try:

os.rename("C:\\Hindustan","C:\\india")

print("Folder Renamed")

except FileNotFoundError:

print("Source Folder Name does not Exist")

except FileExistsError:

print("Destination Folder Name, we u are giving already exist")