**ASSIGNMENT 21 PYTHON**

1.Add the current date to the text file today.txt as a string.

**2023-04-28**

2. Read the text file today.txt into the string today\_string

today\_string\_file = "D:/I neuron/Python Assignment/today.txt"

today\_string = open(today\_string\_file)

print(today\_string.read())

**2023-04-28**

3. Parse the date from today\_string.

from dateutil import parser

date = parser.parse("2023 04 28")

print(date)

print(type(date))

**2023-04-28 00:00:00**

**<class 'datetime.datetime'>**

4. List the files in your current directory.

import os

folder = "D:/Zaina/IGCSE/"

for entry in os.listdir(folder):

    if os.path.isfile(os.path.join(folder, entry)):

        print(entry)

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**Chemistry 595428-2023-2025-syllabus.pdf**

**FL English596961-2023-syllabus.pdf**

**Geography 596947-2023-syllabus.pdf**

**ICT 595352-2023-2025-syllabus.pdf**

**Maths 597037-2023-2024-syllabus.pdf**

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5. Create a list of all of the files in your parent directory (minimum five files should be available).

import os

filepath = "D:/Assignment/"

for entry in os.listdir(filepath):

    if os.path.isfile(os.path.join(filepath, entry)):

        print(entry)

**Chemistry 595428-2023-2025-syllabus.pdf**

**Exam Preparation Schedule for Sundays.docx**

**Exam Preparation Schedule.docx**

**Geography 596947-2023-syllabus.pdf**

**ICT 595352-2023-2025-syllabus.pdf**

**Maths 597037-2023-2024-syllabus.pdf**

6. Use multiprocessing to create three separate processes. Make each one wait a random number of seconds between one and five, print the current time, and then exit.

7. Create a date object of your day of birth

import datetime

birthday = input("01/01/1990")

birthday = datetime.datetime

print(birthday)

**01/01/1990**

8. What day of the week was your day of birth?

import datetime

import calendar

def findDay(date):

    birth = datetime.datetime.strptime(date, '%d %m %Y').weekday()

    return (calendar.day\_name[birth])

# Driver program

date = '01 01 1990'

print(findDay(date))

**Monday**

9. When will you be (or when were you) 10,000 days old?