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

import datetime from datetime

import date now = date.today()

cur\_date = now.isoformat()

cur\_date

with open('today.txt','w') as file:

file.write(cur\_date)

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

with open('today.txt','r') as file:

today\_string = file.read()

today\_string

3. Parse the date from today\_string.

from datetime import datetime format = '%Y-%m-%d' datetime.strptime(today\_string,format)

4. List the files in your current directory

import os os.listdir('.')

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

import multiprocessing def printsec(seconds):

from datetime

import datetime from time

import sleep sleep(seconds)

print('wait', seconds, 'seconds, time is', datetime.utcnow())

if \_\_name\_\_ == '\_\_main\_\_':

import random for n in range(3):

seconds = random.random()

proc = multiprocessing.Process(target=printsec, args=(seconds,)) proc.start()

!python abc.py

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.

my\_dob = date(1998,9,9)

my\_dob

7. Create a date object of your day of birth.

my\_dob = date(1998,9,9) my\_dob

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

my\_dob.weekday()

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

from datetime import timedelta

day10000 = my\_dob + timedelta(days=10000)

day10000