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

Solution1:-

from datetime import date

now = date.today()

now\_str = now.isoformat()

with open('today.txt', 'wt') as output:

print(now\_str, file=output)

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

Solution2:-

with open('today.txt', 'rt') as input:

today\_string = input.read()

today\_string

1. Parse the date from today\_string.

Solution3:-

from datetime import datetime

fmt = '%Y-%m-%d\n'

datetime.strptime(today\_string, fmt)

1. List the files in your current directory

Solution4:-

import os

os.listdir('.')

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

Solution5:-

os.listdir('..')

1. 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.

Solution6:-

!python multi\_process.py

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

Solution7:-

my\_day = date(1996, 8, 10)

my\_day

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

Solution9:-

my\_day.weekday()

#Monday is 0 and Sunday is 6.

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

Solution9:-

from datetime import timedelta

ten\_thousand = my\_day + timedelta(days=10000)

ten\_thousand