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

Import datetime

Today = str(datetime.date.today())

f = open('today.txt','w')

f.write(Today)

f.close()

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

F = open(‘today.txt’,’r’)

F.seek(0) #for safer side always move your cursor at the beginning

today\_string = F.read()

**3. Parse the date from today\_string.**

today\_string[-2:]

**4. List the files in your current directory**

import os

a = os.listdir()

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

Import os

A = os.listdir(parent\_path)

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

Let fun1(), fun2() and fun3() are three processes

import datetime

import time

import random

datetime.datetime.now().strftime("%B %d %Y, %H:%M:%S %p") # print present time

time.sleep(random.randint(1,5))

fun1() #first process

datetime.datetime.now().strftime("%B %d %Y, %H:%M:%S %p") # print present time

time.sleep(random.randint(1,5))

fun2() # second process

datetime.datetime.now().strftime("%B %d %Y, %H:%M:%S %p") # print present time

time.sleep(random.randint(1,5))

fun3() # third process

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

dob = datetime.date(1997,7,7)

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

Dob = datetime.date(1997,7,7)

Dob. weekday()

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

Import datetime

Dob = datetime.date(1997,7,7)

Dob + datetime.timedelta(days=10000)