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

A.

import datetime

todays\_date=datetime.date.today()

print(todays\_date)

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

3. Parse the date from today\_string.

4. List the files in your current directory

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

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.

A.

from datetime import date

def calculateAge(birthDate):

today = date.today()

age = today.year - birthDate.year -((today.month, today.day) < (birthDate.month, birthDate.day))

return age

print(calculateAge(date(1997, 2, 3)), "years")

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

A.

import datetime

import calendar

def findDay(date):

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

return (calendar.day\_name[born])

date = '03 02 2019'

print(findDay(date))

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

A.

import datetime

start\_date = datetime.datetime(year=2000, month=5, day=19)

end\_date = start\_date + datetime.timedelta(days=10000)

print(end\_date.date())