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

*import datetime*

*today = datetime.datetime.now()*

*def create\_file():*

*with open(today.strftime("%d %B %Y")+".txt", "w") as file:*

*file.write("")*

*create\_file()*

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

*with open(“today.txt", "r") as file:*

*file.read()*

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

today\_string = today.strftime("%m/%d/%Y, %H:%M:%S")

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

import os

dir\_path = **getcwd()**

res = []

for path in os.listdir(dir\_path):

if os.path.isfile(os.path.join(dir\_path, path)):

res.append(path)

print(res)

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.**

from datetime import date

def age(birthdate):

today = date.today()

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

return age

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

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