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[Roshans-MacBook-Pro:~ roshansoni$ cd ~/roshangit/iot/
[Roshans-MacBook-Pro:iot roshansoni$ cd *3
[Roshans-MacBook-Pro:lesson3 roshansoni$ python3 julian.py
Calendar Date: 2022-03-23
Julian Date: 2459661.5
Modified Julian Date: 59661.0
[Roshans-MacBook-Pro:lesson3 roshansoni$ python3 date_example.py
Date: 2022-03-23
Date: 03-23-22
Day of Week: Wednesday
Month: March
Year: 2022
64 days after the first day of classes
56 days before the last day of classes
[Roshans-MacBook-Pro:lesson3 roshansoni$ python3 datetime_example.py
2022-03-23 10:35:19.512826
2022-03-23 10:35:19.512893
2022-03-23 14:35:19.512902
1648046119.513162
Wed Mar 23 10:35:19 2022
2022-03-23 10:35:19.513194
2022-03-23 14:35:19.513203
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[Roshans-MacBook-Pro:lesson3 roshansoni$ python3 time_example.py
Wed Mar 23 10:37:42 2022
Wed Mar 23 10:37:52 2022
[^CRoshans-MacBook-Pro:lesson3 roshansoni$ python3 sun.py 'New York'
Information for New York/USA

Timezone: US/Eastern
Latitude: 40.72; Longitude: -74.00

Dawn:      2022-03-23 06:26:43.736537-04:00
Sunrise:   2022-03-23 06:54:34.267116-04:00
Noon:      2022-03-23 13:02:41-04:00
Sunset:    2022-03-23 19:11:05.027942-04:00
Dusk:      2022-03-23 19:38:59.940406-04:00
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Roshans-MacBook-Pro:lesson3 roshansoni$ python3 moon.py
2022-03-23 Moon Phase: 19
2022-03-24 Moon Phase: 20
2022-03-25 Moon Phase: 21
2022-03-26 Moon Phase: 22
2022-03-27 Moon Phase: 23
2022-03-28 Moon Phase: 24
2022-03-29 Moon Phase: 25
2022-03-30 Moon Phase: 26
2022-03-31 Moon Phase: 27
2022-04-01 Moon Phase: 0
2022-04-02 Moon Phase: 1
2022-04-03 Moon Phase: 2
2022-04-04 Moon Phase: 2
2022-04-05 Moon Phase: 3
2022-04-06 Moon Phase: 4
2022-04-07 Moon Phase: 5
2022-04-08 Moon Phase: 6
2022-04-09 Moon Phase: 7
2022-04-10 Moon Phase: 8
2022-04-11 Moon Phase: 8
2022-04-12 Moon Phase: 9
2022-04-13 Moon Phase: 10
2022-04-14 Moon Phase: 11
2022-04-15 Moon Phase: 12
2022-04-16 Moon Phase: 13
2022-04-17 Moon Phase: 14
2022-04-18 Moon Phase: 15
2022-04-19 Moon Phase: 16
2022-04-20 Moon Phase: 17
2022-04-21 Moon Phase: 18
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Roshans-MacBook-Pro:lesson3 roshansoni$ python3 coordinates.py 'SC Williams Library'
SC Williams Library, Field House Road, Hoboken, Hudson County, New Jersey, 07030, United States
(40.74480675, -74.02532861159351)
Roshans-MacBook-Pro:lesson3 roshansoni$ python3 address.py '40.74480675, -74.02532862031404'
SC Williams Library, Field House Road, Hoboken, Hudson County, New Jersey, 07030, United States
(40.74480675, -74.02532861159351)
Roshans-MacBook-Pro:lesson3 roshansoni$ python3 cpu.py
The number of physical cores = 4
The number of logical CPUs = 8
The utilization per second as a percentage for each CPU
[14.9, 0.0, 10.1, 1.0, 6.0, 0.0, 6.9, 0.0]
[9.0, 0.0, 6.0, 0.0, 4.0, 0.0, 3.0, 1.0]
[8.0, 1.0, 7.9, 1.0, 4.0, 1.0, 5.0, 0.0]
[9.9, 1.0, 7.0, 0.0, 4.0, 0.0, 4.0, 0.0]
[8.0, 0.0, 6.9, 0.0, 5.0, 1.0, 3.0, 0.0]
[9.0, 0.0, 6.9, 0.0, 4.0, 0.0, 5.9, 0.0]
[8.0, 1.0, 5.1, 1.0, 3.0, 0.0, 3.0, 0.0]
[21.8, 0.0, 11.9, 0.0, 6.0, 0.0, 5.1, 1.0]
[45.5, 1.0, 32.0, 1.0, 41.0, 0.0, 26.7, 1.0]
[47.5, 3.0, 48.5, 2.0, 54.0, 4.0, 51.5, 3.0]
Roshans-MacBook-Pro:lesson3 roshansoni$ python3 battery.py
sbattery(percent=50, secsleft=10440, power_plugged=False)
Roshans-MacBook-Pro:lesson3 roshansoni$ python3 documentstats.py document.txt
Word Count: 1343
Top Ten Words: [('our', 26), ('their', 20), ('has', 20), ('he', 19), ('them', 15), ('these', 13), ('have', 11), ('we', 11), ('us', 11), ('people', 10)]
Roshans-MacBook-Pro:lesson3 roshansoni$
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