#1

import calendar

year=2024

month=10

calendar.month(year,month)

print(calendar.calendar(year))

is\_leap = calendar.isleap(year)

print(f"{year} is a leap year: {is\_leap}")

#2

import calendar

year=2024

month=10

first\_weekday,num\_days=calendar.monthrange(year,month)

print(f"First Weekday: {first\_weekday}, Number of days: {num\_days}")

#3

import calendar

year=2024

month=10

for day in calendar.Calendar().itermonthdays(year,month):

print(day)

#4

import calendar

text\_cal=calendar.TextCalendar(calendar.SUNDAY)

year=2024

month=10

plain\_text\_cal=text\_cal.formatmonth(year,month)

print(plain\_text\_cal)

#5

from datetime import datetime,timedelta

now=datetime.now()

print(F"Current date and time: {now}")

days\_in\_past=5

hours\_in\_past=3

minutes\_in\_past=30

past\_time=now-timedelta(days=days\_in\_past,hours=hours\_in\_past,minutes=minutes\_in\_past)

print(f"Past date and time(5 days,3 hours,30 minutes ago):{past\_time}")

#6

import string

sentence="hello world from python"

capitalized\_sentence=string.capwords(sentence)

print(capitalized\_sentence)