1.

```
IDLE Shell 3.12.6

File  Edit  Shell  Debug  Options  Window  Help

    Python 3.12.6 (tags/v3.12.6:a4a2d2b, Sep  6 2024, 20:11:23) [MSC v.1940 64 bit (AMD64)] on
    win32
    Type "help", "copyright", "credits" or "license()" for more information.
>>>
    = RESTART: C:/Users/Terrence/AppData/Local/Programs/Python/Python312/cs417Ag3Q1.py
    The words 'Right' and 'Rights' appear  63  times in the Declaration of Independace.
>>>
```

2.

```
>>>
    = RESTART: C:\Users\Terrence\AppData\Local\Programs\Python\Python312\cs417Asg3Q2
    .py
    What month is it:February
    Which day of the week is the first:Saturday
                  February
    |  |  |  |  |  |  |  |  |  |  |  |  |01|
    |02| |03| |04| |05| |06| |07| |08|
    |09| |10| |11| |12| |13| |14| |15|
    |16| |17| |18| |19| |20| |21| |22|
    |23| |24| |25| |26| |27| |28|

>>>
    = RESTART: C:\Users\Terrence\AppData\Local\Programs\Python\Python312\cs417Asg3Q2
    .py
    What month is it:April
    Which day of the week is the first:Saturday
                    April
    |  |  |  |  |  |  |  |  |  |  |  |  |01|
    |02| |03| |04| |05| |06| |07| |08|
    |09| |10| |11| |12| |13| |14| |15|
    |16| |17| |18| |19| |20| |21| |22|
    |23| |24| |25| |26| |27| |28| |29|
    |30|

>>>
    = RESTART: C:\Users\Terrence\AppData\Local\Programs\Python\Python312\cs417Asg3Q2
    .py
    What month is it:March
    Which day of the week is the first:Wednesday
                    March
    |  |  |  |  |  |  |01| |02| |03| |04|
    |05| |06| |07| |08| |09| |10| |11|
    |12| |13| |14| |15| |16| |17| |18|
    |19| |20| |21| |22| |23| |24| |25|
    |26| |27| |28| |29| |30| |31|

>>>
                                                          Ln: 31  Col: 17
```

3.

IDLE Shell 3.12.6   — □ ✕

File Edit Shell Debug Options Window Help

Python 3.12.6 (tags/v3.12.6:a4a2d2b, Sep 6 2024, 20:11:23) [MSC v.1940 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/Terrence/AppData/Local/Programs/Python/Python312/cs417Asg3Q3
.py
Please enter input:Hello World
Characters Total: 10
>>>

4.

IDLE Shell 3.12.6   — □ ✕

File Edit Shell Debug Options Window Help

Python 3.12.6 (tags/v3.12.6:a4a2d2b, Sep 6 2024, 20:11:23) [MSC v.1940 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/Terrence/AppData/Local/Programs/Python/Python312/cs417Asg3Q4
.py
{'A': [260], 'C': [244], 'G': [231], 'T': [265]}
{'A': [258], 'C': [239], 'G': [234], 'T': [269]}
>>>