

EXPERIMENT-4

Name: S.G.DEVSACHIN

Reg.No: 192111088

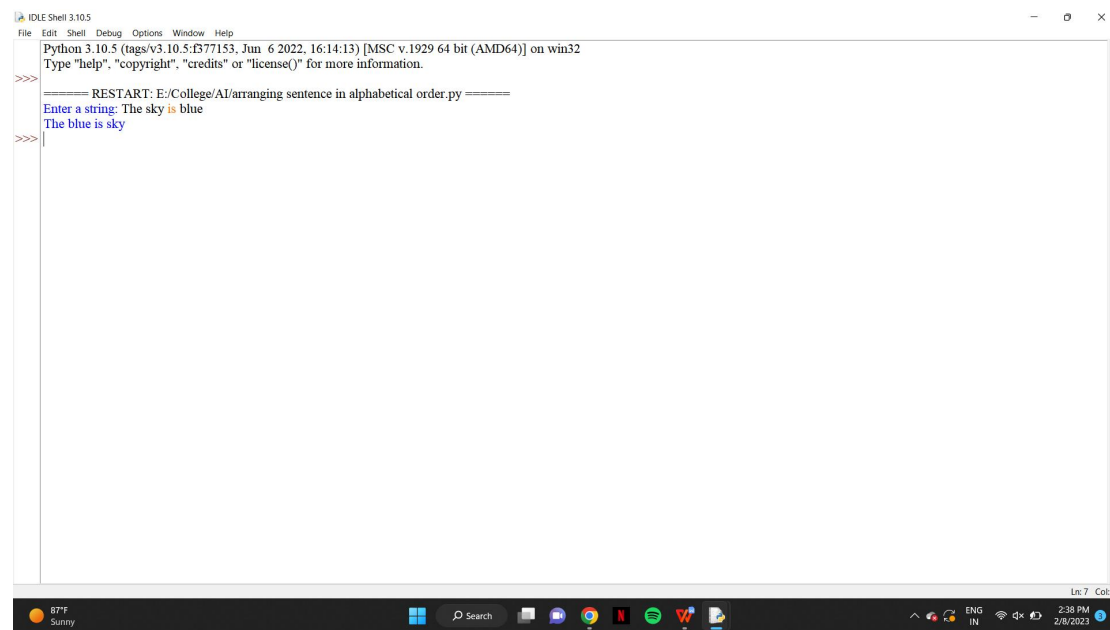
Course: CSA1789 Artificial Intelligence

Q) Write a python program to sort the sentence in alphabetical order

Program:

```
my_str = input("Enter a string: ")
words = my_str.split()
words.sort()
for word in words:
    print(word,end=" ")
```

Output:

A screenshot of a Python IDE window titled 'IDLE Shell 3.10.5'. The window shows the execution of a Python program. The first line of the program is a comment: 'Python 3.10.5 (tags/v3.10.5:1377153, Jun 6 2022, 16:14:13) [MSC v.1929 64 bit (AMD64)] on win32'. The second line is a prompt 'Type "help", "copyright", "credits" or "license()" for more information.'. The third line is a prompt '==== RESTART: E:/College/AI/arranging sentence in alphabetical order.py ====='. The fourth line is a prompt 'Enter a string:'. The user has entered 'The sky is blue'. The output of the program is 'The blue is sky'. The IDE window has a menu bar with 'File', 'Edit', 'Shell', 'Debug', 'Options', 'Window', and 'Help'. The status bar at the bottom shows 'Ln: 7 Col: 0'. The Windows taskbar is visible at the bottom of the screen, showing the time as 2:38 PM on 2/8/2023.