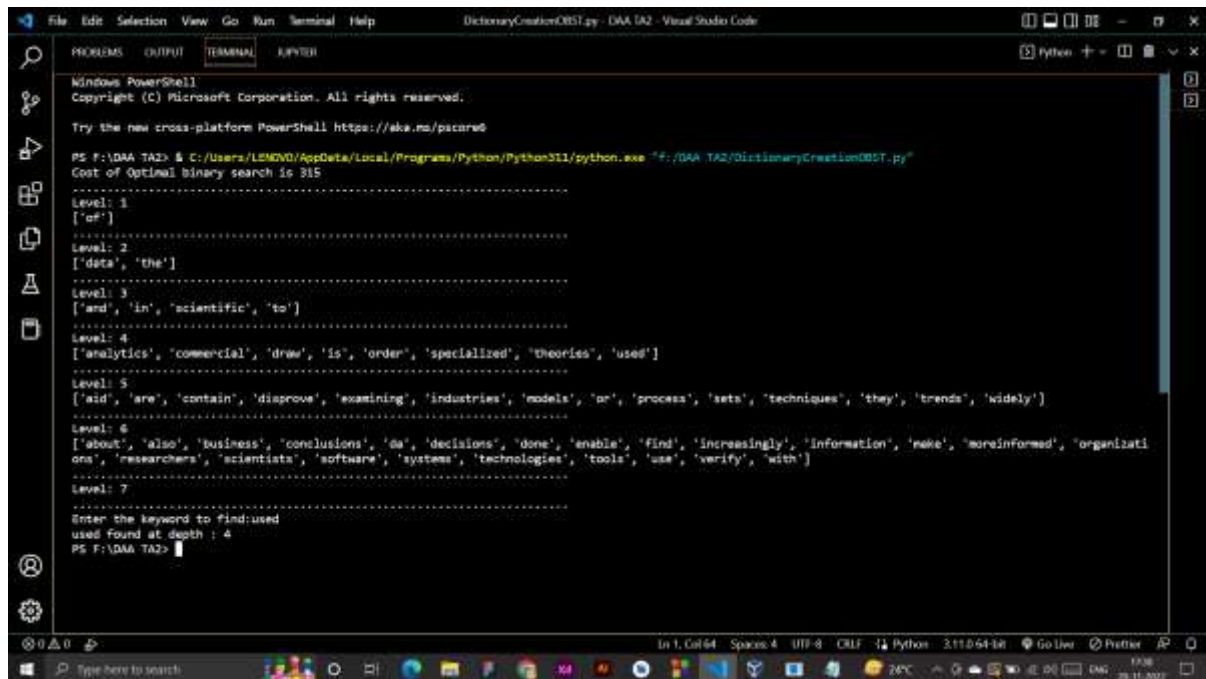


## OUTPUTS:

TEST CASE 1:

WORD IS PRESENT IN THE TREE



```
Windows PowerShell
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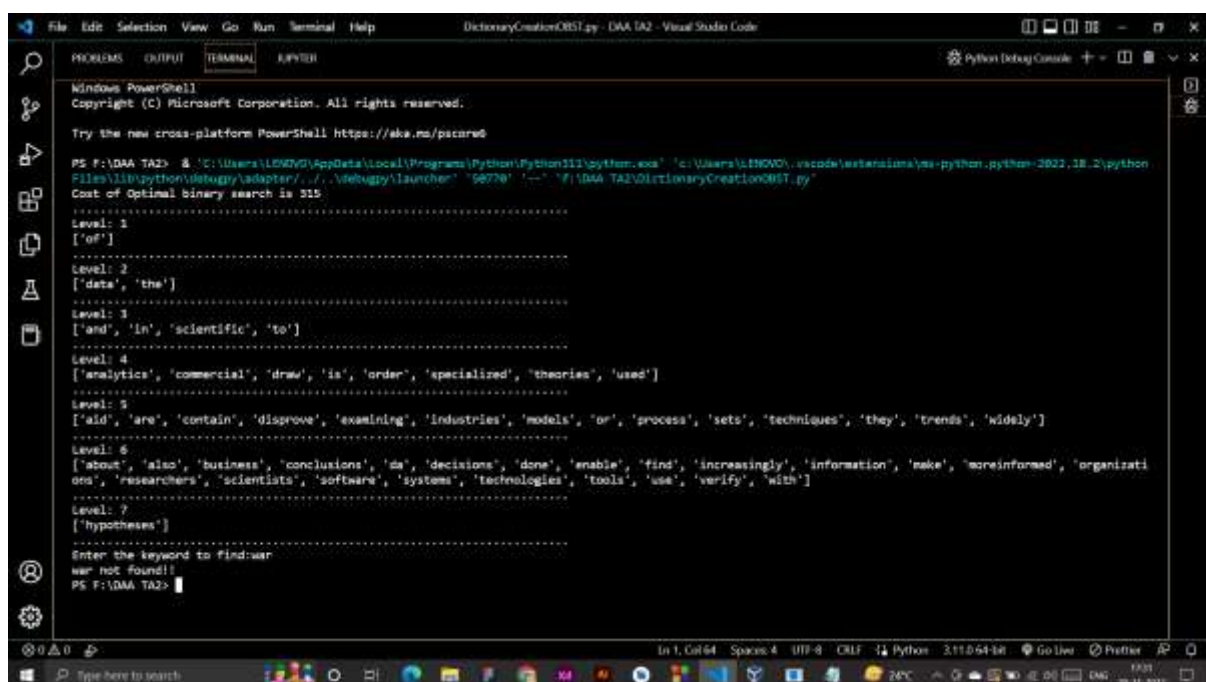
Try the new cross-platform PowerShell https://aka.ms/powershell

PS F:\DAA TA2> & C:\Users\LENOVO\AppData\Local\Programs\Python\Python311\python.exe "F:\DAA TA2\DictionaryCreationOBS7.py"
Cost of Optimal binary search is 315

Level: 1
['of']
Level: 2
['data', 'the']
Level: 3
['and', 'in', 'scientific', 'to']
Level: 4
['analytics', 'commercial', 'draw', 'is', 'order', 'specialized', 'theories', 'used']
Level: 5
['aid', 'are', 'contain', 'disprove', 'examining', 'industries', 'models', 'or', 'process', 'sets', 'techniques', 'they', 'trends', 'widely']
Level: 6
['about', 'also', 'business', 'conclusions', 'da', 'decisions', 'done', 'enable', 'find', 'increasingly', 'information', 'make', 'moreinformed', 'organizational', 'researchers', 'scientists', 'software', 'systems', 'technologies', 'tools', 'use', 'verify', 'with']
Level: 7
Enter the keyword to find:used
used found at depth : 4
PS F:\DAA TA2>
```

TEST CASE 2:

WORD IS NOT PRESENT IN THE TREE



```
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS F:\DAA TA2> & 'C:\Users\LENOVO\AppData\Local\Programs\Python\Python311\python.exe' 'C:\Users\LENOVO\AppData\Local\Programs\Python\Python311\python.exe' 'F:\DAA TA2\DictionaryCreationOBS7.py'
Cost of Optimal binary search is 315

Level: 1
['of']
Level: 2
['data', 'the']
Level: 3
['and', 'in', 'scientific', 'to']
Level: 4
['analytics', 'commercial', 'draw', 'is', 'order', 'specialized', 'theories', 'used']
Level: 5
['aid', 'are', 'contain', 'disprove', 'examining', 'industries', 'models', 'or', 'process', 'sets', 'techniques', 'they', 'trends', 'widely']
Level: 6
['about', 'also', 'business', 'conclusions', 'da', 'decisions', 'done', 'enable', 'find', 'increasingly', 'information', 'make', 'moreinformed', 'organizational', 'researchers', 'scientists', 'software', 'systems', 'technologies', 'tools', 'use', 'verify', 'with']
Level: 7
['hypotheses']
Enter the keyword to find:war
war not found!!
PS F:\DAA TA2>
```

PUNCTUATION MARK:

File Edit Selection View Go Run Terminal Help DictionaryCreatorOBS1.py - DAA IAE - Visual Studio Code

PROBLEMS OUTPUT TERMINAL RUN/TEST

Windows PowerShell  
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```
PS F:\DAA TAE> & "C:\Users\LENOVO\AppData\Local\Programs\Python\Python311\python.exe" "c:\Users\LENOVO\code\extensions\vs-python\python-2022.18.2\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher" "56781" "--" "F:\DAA TAE\DictionaryCreatorOBS1.py"
Cost of Optimal binary search is 315

Level: 1
['of']

Level: 2
['data', 'the']

Level: 3
['and', 'in', 'scientific', 'to']

Level: 4
['analytical', 'commercial', 'draw', 'is', 'order', 'specialized', 'theories', 'used']

Level: 5
['aid', 'are', 'contain', 'disprove', 'examining', 'industries', 'models', 'or', 'process', 'sets', 'techniques', 'they', 'trends', 'widely']

Level: 6
['about', 'also', 'business', 'conclusions', 'da', 'decisions', 'done', 'enable', 'find', 'increasingly', 'information', 'make', 'moreinformed', 'organizations', 'researchers', 'scientists', 'software', 'systems', 'technologies', 'tools', 'use', 'verify', 'with']

Level: 7
['hypotheses']

Enter the keyword to find,
, not found!
PS F:\DAA TAE>
```

in 1, Col 64 Spaces: 4 UTF-8 CRLF Python 3.11.0 64-bit Go 1.19.1 Prettier