

TC1

The screenshot shows a code editor with three main panels. The left panel displays a Python script (wordCount.py) that reads a file, counts words, and writes the results. The middle panel shows the execution output, which includes a table of word frequencies. The right panel shows the content of the fileWithData.txt.

Python Script (wordCount.py):

```

59 salida.append("--" * 25)
60 salida.append(f"Tiempo de ejecucion: {duracion:.6f} segundos")
61
62 resultado = "\n".join(salida)
63
64 print(resultado)
65 with open("WordCountResults.txt", "w", encoding='utf-8') as f:
66     f.write(resultado)
67
68 if __name__ == "__main__":
69     main()

```

Execution Output:

```

1 !pip install pylint -q
2 !pylint wordCount.py

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

1 !python wordCount.py fileWithData.txt

```

Word Count Results (WordCountResults.txt):

PALABRA	FRECUENCIA
wilderness	5
managed	5
schools	5
pets	5
kg	5
gps	4
keeping	4
travelling	4
threats	4
passion	4
opens	4
products	4
webcams	4
terrorist	4
published	4
petersburg	4
manufactured	4
suggestions	4
margaret	4
explain	4
recommends	4
worldcat	4
wrap	4
employers	4
useful	4
nb	4

fileWithData.txt:

```

54 journey
55 anat
56 teaches
57 customized
58 oakland
59 louis
60 tab
61 consistent
62 enhanced
63 liable
64 ebony
65 wan
66 conservative
67 pubmed
68 math
69 tea
70 craps
71 gothic
72 permissions
73 recorded
74 cgi
75 confirm
76 hyundai
77 exhaust
78 malpractice
79 pens
80 potentially
81 glenn
82 scoring
83 andrews
84 assessed
85 adventures
86 meals
87 mortality
88 club
89 mon
90 comm
91 blues
92 collect
93 lies
94 seats
95 worse
96 guestbook
97 influences
98 kodak
99 significance
100 coastal

```

TC2

The screenshot shows a code editor with three main panels. The left panel displays a Python script (wordCount.py) that reads a file, counts words, and writes the results. The middle panel shows the execution output, which includes a table of word frequencies. The right panel shows the content of the fileWithData.txt.

Python Script (wordCount.py):

```

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63
64 print(resultado)
65 with open("WordCountResults.txt", "w", encoding='utf-8') as f:
66     f.write(resultado)
67
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```

Execution Output:

```

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2 !pylint wordCount.py

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

1 !python wordCount.py fileWithData.txt

```

Word Count Results (WordCountResults.txt):

PALABRA	FRECUENCIA
conservative	2
mother	1
tions	1
pin	1
sure	1
regulatory	1
shower	1
unt	1
dial	1
photography	1
buying	1
firms	1
nba	1
father	1
championship	1
vagina	1
fonts	1
sparc	1
explorer	1
rl	1
shadow	1
danish	1
seed	1
hiking	1
instrumentation	1
introduces	1

fileWithData.txt:

```

1 conduct
2 kuwait
3 literacy
4 table
5 parent
6 olympic
7 ht
8 algebra
9 lease
10 brass
11 revenues
12 targeted
13 inflation
14 chain
15 holders
16 amongst
17 monaco
18 filme
19 doc
20 kingston
21 wood
22 pre
23 ss
24 norm
25 females
26 sq
27 builders
28 newly
29 history
30 stores
31 textiles
32 exams
33 midi
34 correct
35 conferencing
36 touch
37 lease
38 brass
39 revenues
40 targeted
41 inflation
42 chain
43 holders
44 amongst
45 monaco
46 filme
47 doc

```

TC3

```
[37] 59 salida.append("-" * 25)
60 salida.append(f"Tiempo de ejecucion: {duracion:.6f} segundos")
61
62 resultado = "\n".join(salida)
63
64 print(resultado)
65 with open("WordCountResults.txt", "w", encoding='utf-8') as f:
66     f.write(resultado)
67
68 if __name__ == "__main__":
69     main()
```

Overwriting wordCount.py

```
[38] 1 !pip install pylint -q
2 !pylint wordCount.py
```

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

```
[52] 1 !python wordCount.py fileWithData.txt
```

PALABRA	FRECUENCIA
conservative	2
mother	1
tions	1
pin	1
sure	1
regulatory	1
shower	1
uni	1
dial	1
photography	1
buying	1
firms	1
nba	1
father	1
championship	1
vagina	1
ronts	1
sparc	1
explorer	1
rl	1
shadow	1
danish	1
seed	1
hiking	1
instrumentation	1
introduces	1

fileWithData.txt

```
1 neighbors
2 manual
3 political
4 mozambique
5 old
6 holding
7 fc
8 ford
9 comparable
10 industries
11 antiques
12 waste
13 voice
14 blond
15 z
16 flood
17 enables
18 feels
19 validity
20 midnight
21 matters
22 mortgage
23 daughters
24 diana
25 notice
26 postal
27 reproduced
28 mpegs
29 persistent
30 butts
31 ban
32 underground
33 hypothesis
34 pace
35 ip
36 two
37 gourmet
38 firms
39 chips
40 twelve
41 somalia
42 drama
43 leaving
44 continues
45 poll
46 led
47 pottery
--
```

TC4

```
[37] 59 salida.append("-" * 25)
60 salida.append(f"Tiempo de ejecucion: {duracion:.6f} segundos")
61
62 resultado = "\n".join(salida)
63
64 print(resultado)
65 with open("WordCountResults.txt", "w", encoding='utf-8') as f:
66     f.write(resultado)
67
68 if __name__ == "__main__":
69     main()
```

Overwriting wordCount.py

```
[38] 1 !pip install pylint -q
2 !pylint wordCount.py
```

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

```
[53] 1 !python wordCount.py fileWithData.txt
```

PALABRA	FRECUENCIA
started	3
literally	2
ringtone	2
za	2
reached	2
crazy	2
javascript	2
annual	2
shown	2
supplier	2
physical	2
data	2
fought	2
dramatically	2
maiden	2
contains	2
panels	2
racial	2
charts	2
navy	2
tired	2
farm	2
detroit	2
plays	2
clients	2
castle	2

fileWithData.txt

```
954 regard
955 foods
956 ft
957 dating
958 building
959 estonia
960 performs
961 equilibrium
962 sen
963 tahoe
964 tiffany
965 disclose
966 slip
967 midlands
968 shemales
969 walking
970 physical
971 racks
972 innocent
973 campaigns
974 christina
975 bulletin
976 synthesis
977 so
978 commerce
979 offensive
980 updating
981 interaction
982 received
983 ma
984 hdtv
985 rates
986 powerful
987 earning
988 was
989 computing
990 cells
991 contained
992 replaced
993 calling
994 mailman
995 extent
996 corpus
997 sv
998 wishlist
999 expired
1000 circular
```

TC5

[37]
✓ Os

59 salida.append("-" * 25)
60 salida.append(f"Tiempo de ejecucion: {duracion:.6f} segundos")
61
62 resultado = "\n".join(salida)
63
64 print(resultado)
65 with open("WordCountResults.txt", "w", encoding='utf-8') as f:
66 f.write(resultado)
67
68 if __name__ == "__main__":
69 main()

Overwriting wordCount.py

[38]
✓ Ss

1 !pip install pylint -q
2 !pylint wordCount.py

Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

[55]
✓ Os

1 !python wordCount.py fileWithData.txt

... PALABRA FRECUENCIA

wilderness	5
managed	5
schools	5
pets	5
kg	5
gps	4
keeping	4
travelling	4
threats	4
passion	4
opens	4
products	4
webcams	4
terrorist	4
published	4
petersburg	4
manufactured	4
suggestions	4
margaret	4
explain	4
recommends	4
worldcat	4
wrap	4
employers	4
useful	4
nb	4

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fileWithData.txt

1 loaded
2 wilderness
3 specify
4 cole
5 telecom
6 earliest
7 uniprotkb
8 retailer
9 acquired
10 reasoning
11 breathing
12 ozone
13 hz
14 consequences
15 volume
16 isaac
17 milwaukee
18 agenda
19 roulette
20 ordinance
21 challenging
22 regions
23 faq
24 sunset
25 advantage
26 masturbating
27 biographies
28 wednesday
29 picks
30 silk
31 gossip
32 tournaments
33 entrepreneurs
34 adjust
35 designation
36 injury
37 flash
38 baptist
39 looksmart
40 mason
41 reservation
42 trustee
43 affairs
44 prints
45 enclosure
46 routes
47 metro