

## TC1

The screenshot shows a code editor interface with several tabs and panes. On the left, there are code snippets for file handling and word counting. In the center, the terminal shows the command `!python wordCount.py fileWithData.txt` and its output, which is a table of words and their frequencies. On the right, there is a file viewer showing the contents of `fileWithData.txt`.

Code Snippets:

```
[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]
[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)
```

Terminal Output:

```
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
wildcat	4
wrap	4
employers	4
useful	4
nb	4

File Viewer:

```
fileWithData.txt
-----
54 journey
55 anal
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 interface with several tabs and panes. On the left, there are code snippets for file handling and word counting. In the center, the terminal shows the command `!python wordCount.py fileWithData.txt` and its output, which is a table of words and their frequencies. On the right, there is a file viewer showing the contents of `WordCountResults.txt`.

Code Snippets:

```
[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]
[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)
```

Terminal Output:

```
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
fonts	1
sparc	1
explorer	1
rl	1
shadow	1
danish	1
seed	1
hiking	1
instrumentation	1
introduces	1

File Viewer:

```
fileWithData.txt WordCountResults.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

TC3

```
[37] 59     salida.append("-" * 25)
[37] 60     salida.append("Tiempo de ejecucion: {duracion:.6f} segundos")
[37] 61     resultado = "\n".join(salida)
[37] 62
[37] 63     print(resultado)
[37] 64     with open("WordCountResults.txt", "w", encoding='utf-8') as f:
[37] 65         f.write(resultado)
[37] 66
[37] 67     if __name__ == "__main__":
[37] 68         main()
[37] 69
[38] 1  !pip install pylint -q
[38] 2  !pylint wordCount.py
[38]
[38] Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

[52] 1  !python wordCount.py fileWithData.txt
[52] ... PALABRA      FRECUENCIA
[52] conservative 2
[52] mother        1
[52] tions          1
[52] pin             1
[52] sure            1
[52] regulatory     1
[52] shower          1
[52] uni              1
[52] dial              1
[52] photography    1
[52] buying           1
[52] firms            1
[52] nba              1
[52] father           1
[52] championship   1
[52] vagina           1
[52] fonts             1
[52] sparc             1
[52] explorer          1
[52] rl                 1
[52] shadow            1
[52] danish           1
[52] seed              1
[52] hiking             1
[52] instrumentation  1
[52] introduces        1
[52]
[52] How can I install Python libraries? Load data from Google Drive Show an example of training ...
[52] What can I help you build?
[52] Gemini 2.5 Flash >
[52]
[52] fileWithData.txt
[52] 1  neighbors
[52] 2  manual
[52] 3  political
[52] 4  mozambique
[52] 5  old
[52] 6  holding
[52] 7  fc
[52] 8  ford
[52] 9  comparable
[52] 10 industries
[52] 11 antiques
[52] 12 waste
[52] 13 voice
[52] 14 blond
[52] 15 z
[52] 16 flood
[52] 17 enables
[52] 18 feels
[52] 19 validity
[52] 20 midnight
[52] 21 matters
[52] 22 mortgage
[52] 23 daughters
[52] 24 diana
[52] 25 notice
[52] 26 postal
[52] 27 reproduced
[52] 28 mpegs
[52] 29 persistent
[52] 30 butts
[52] 31 ban
[52] 32 underground
[52] 33 hypothesis
[52] 34 pace
[52] 35 ip
[52] 36 two
[52] 37 gourmet
[52] 38 firms
[52] 39 chips
[52] 40 twelve
[52] 41 somalia
[52] 42 drama
[52] 43 leaving
[52] 44 continues
[52] 45 poll
[52] 46 led
[52] 47 pottery
```

TC4

```
[37] 59     salida.append("-" * 25)
[37] 60     salida.append("Tiempo de ejecucion: {duracion:.6f} segundos")
[37] 61     resultado = "\n".join(salida)
[37] 62
[37] 63     print(resultado)
[37] 64     with open("WordCountResults.txt", "w", encoding='utf-8') as f:
[37] 65         f.write(resultado)
[37] 66
[37] 67     if __name__ == "__main__":
[37] 68         main()
[37] 69
[38] 1  !pip install pylint -q
[38] 2  !pylint wordCount.py
[38]
[38] Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

[53] 1  !python wordCount.py fileWithData.txt
[53] ... PALABRA      FRECUENCIA
[53] started        3
[53] literally       2
[53] ringtone        2
[53] za              2
[53] reached          2
[53] crazy            2
[53] javascript       2
[53] annual           2
[53] shown             2
[53] supplier          2
[53] physical          2
[53] data              2
[53] fought             2
[53] dramatically      2
[53] maiden            2
[53] contains           2
[53] panels             2
[53] racial              2
[53] charts              2
[53] navy                2
[53] tired                2
[53] farm                  2
[53] detroit               2
[53] plays                 2
[53] clients               2
[53] castle                 2
[53]
[53] How can I install Python libraries? Load data from Google Drive Show an example of training ...
[53] What can I help you build?
[53] Gemini 2.5 Flash >
[53]
[53] fileWithData.txt
[53] 954 regard
[53] 955 foods
[53] 956 ft
[53] 957 dating
[53] 958 building
[53] 959 estonia
[53] 960 performs
[53] 961 equilibrium
[53] 962 sen
[53] 963 tahoe
[53] 964 tiffany
[53] 965 disclose
[53] 966 slip
[53] 967 midlands
[53] 968 shemales
[53] 969 walking
[53] 970 physical
[53] 971 racks
[53] 972 innocent
[53] 973 campaigns
[53] 974 christina
[53] 975 bulletin
[53] 976 synthesis
[53] 977 so
[53] 978 commerce
[53] 979 offensive
[53] 980 updating
[53] 981 interaction
[53] 982 received
[53] 983 ma
[53] 984 hdtv
[53] 985 rates
[53] 986 powerful
[53] 987 earning
[53] 988 was
[53] 989 computing
[53] 990 cells
[53] 991 contained
[53] 992 replaced
[53] 993 calling
[53] 994 mailman
[53] 995 extent
[53] 996 corpus
[53] 997 sv
[53] 998 wishlist
[53] 999 expired
[53] 1000 circular
```

TC5

The screenshot shows a terminal window with several panes:

- Code Editor:** Shows Python code for a word count program, including imports, file handling, and a main function.
- Output:** Shows the command to install pylint and its execution, resulting in a rating of 10.00/10.
- Terminal:** Displays the output of running the word count program on a file named "fileWithData.txt". The output is a table of words and their frequencies.
- File Content:** Shows the contents of "fileWithData.txt" which is a list of words from 1 to 47.

**Code Editor Content:**

```
[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
```

**Output Content:**

```
[38] os      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)
```

**Terminal Content:**

```
[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

**File Content:**

```
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
```