

PRACTICAL EXAM 1

SOURCE CODE:

```
excluding_words = ["and", "but", "or", "nor", "for", "so", "yet", "a", "an", "the"]
statement = input("Enter a string statement\n:")
words = statement.split()
word_count = {}

for word in words:
    word = word.strip(",.?!")

    if word.lower() not in excluding_words:
        if word in word_count:
            word_count[word] += 1
        else:
            word_count[word] = 1

lowercase_word = []
uppercase_word = []

for word in word_count:
    if word[0].islower():
        lowercase_word.append(word)
    else:
        uppercase_word.append(word)

lowercase_word.sort()
uppercase_word.sort()

max_length = 0
for word in word_count:
    if len(word) > max_length:
        max_length = len(word)

for word in lowercase_word:
    spaces = " " * (max_length - len(word) + 2)
    print(word + spaces + "- " + str(word_count[word]))
for word in uppercase_word:
    spaces = " " * (max_length - len(word) + 2)
    print(word + spaces + "- " + str(word_count[word]))

total_words = sum(word_count.values())
print("\nTotal words filtered: ",total_words)
```

CODE OUTPUT:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\20212757\Desktop\Th04_replan> & C:\Users\20212757\AppData\Local\Programs\Python\Python311\python.exe c:\Users\20212757\Desktop\Th04_replan\practicalexam.py
Enter a string statement
:The quick brown fox jumps over the lazy dog near the bank of the river the Quick Brown Fox Jumps Over The Lazy Dog Near The Bank Of The River The quick brown fox jumps over the lazy dog near the bank of the river the Quick Brown Fox Jumps Over The Lazy Dog Near
The Top Of The River The slow Brown fox jumps over the lazy dog near the bank of the river the Fast Brown Fox Jumps Over The Lazy Cat near The Bank Of The River The quick brown fox jumps over the Good Cat near the bank of the river the Quick Brown Fox Jumps Over
r The Lazy Dog Near The Bank Of The Mountain
bank - 4
brown - 3
dog - 3
fox - 4
jumps - 4
lazy - 3
near - 5
over - 4
quick - 3
river - 4
slow - 1
Bank - 3
Brown - 5
Cat - 2
Dog - 3
Fast - 1
Fox - 4
Good - 1
Jumps - 4
Lazy - 4
Mountain - 1
Near - 3
Over - 4
Quick - 3
River - 3
Top - 1
Total words filtered: 80
PS C:\Users\20212757\Desktop\Th04_replan>
```