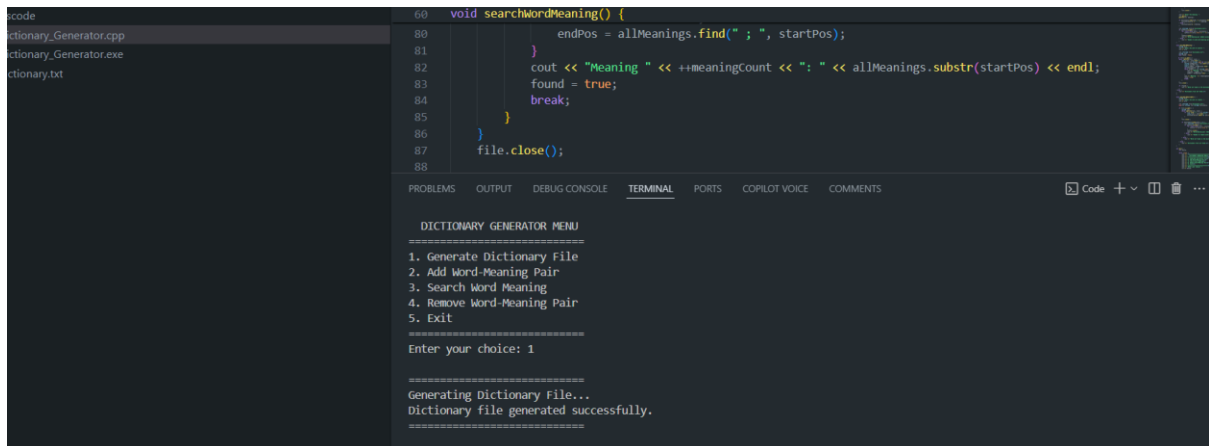


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## Task 1 : Dictionary Generator

### Step 1



The screenshot shows a VS Code editor with a C++ file named `dictionary_Generator.cpp`. The code defines a `searchWordMeaning()` function that searches for a word in a dictionary file and prints its meaning. The terminal output shows the program's menu and the first step: generating the dictionary file.

```
60 void searchWordMeaning() {
80     endPos = allMeanings.find(" " ; startPos);
81 }
82 cout << "Meaning " << ++meaningCount << " : " << allMeanings.substr(startPos) << endl;
83 found = true;
84 break;
85 }
86 }
87 file.close();
88 }
```

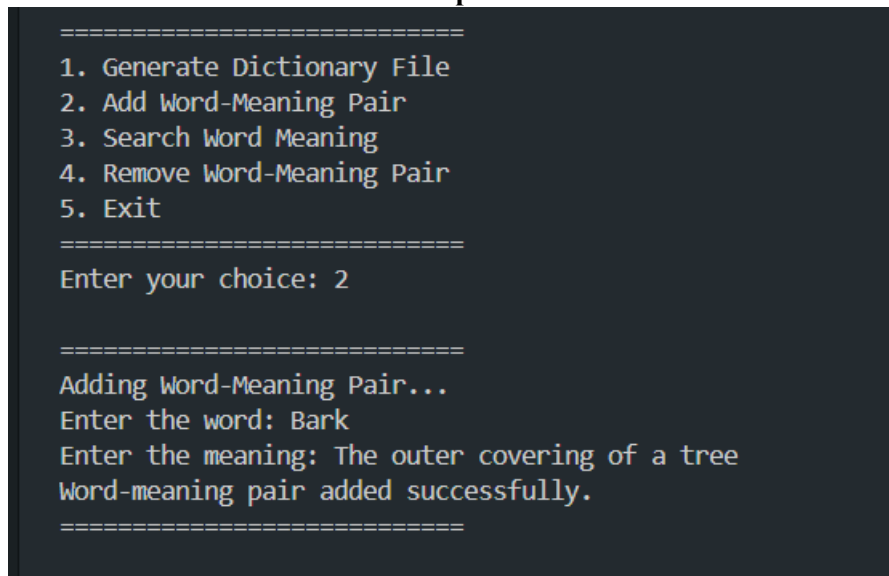
PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS COPILOT VOICE COMMENTS

Code + - [ ] ...

```
=====
1. Generate Dictionary File
2. Add Word-Meaning Pair
3. Search Word Meaning
4. Remove Word-Meaning Pair
5. Exit
=====
Enter your choice: 1

=====
Generating Dictionary File...
Dictionary file generated successfully.
=====
```

### Step 2



The screenshot shows the terminal output for the second step of the program. The user has chosen option 2, 'Add Word-Meaning Pair', and entered the word 'Bark' and its meaning 'The outer covering of a tree'.

```
=====
1. Generate Dictionary File
2. Add Word-Meaning Pair
3. Search Word Meaning
4. Remove Word-Meaning Pair
5. Exit
=====
Enter your choice: 2

=====
Adding Word-Meaning Pair...
Enter the word: Bark
Enter the meaning: The outer covering of a tree
Word-meaning pair added successfully.
=====
```

### Step 3

```
=====
1. Generate Dictionary File
2. Add Word-Meaning Pair
3. Search Word Meaning
4. Remove Word-Meaning Pair
5. Exit
=====
Enter your choice: 3

=====
Searching Word Meaning...
Enter the word to search: Bat
Meaning 1: A piece of equipment used in sports like baseball or cricket
Meaning 2: A flying mammal
=====
```

### Step 4

```
DICTIONARY GENERATOR MENU
=====
1. Generate Dictionary File
2. Add Word-Meaning Pair
3. Search Word Meaning
4. Remove Word-Meaning Pair
5. Exit
=====
Enter your choice: 3

=====
Searching Word Meaning...
Enter the word to search: pat
Word not found in the dictionary.
=====
```

### Step 5

```

    DICTIONARY GENERATOR MENU
=====
1. Generate Dictionary File
2. Add Word-Meaning Pair
3. Search Word Meaning
4. Remove Word-Meaning Pair
5. Exit
=====
Enter your choice: 4

=====
Removing Word-Meaning Pair...
Enter the word to remove: Jam
Word-meaning pair removed successfully.
=====

```

### Step 6

```

=====
    DICTIONARY GENERATOR MENU
=====
1. Generate Dictionary File
2. Add Word-Meaning Pair
3. Search Word Meaning
4. Remove Word-Meaning Pair
5. Exit
=====
Enter your choice: 5

=====
Exiting Dictionary Generator. Goodbye!

```