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## 202208810

```
1 v #include <stdio.h
      #include <stdbool.h>
     #include <ctype.h>
11 void scan_word(int occurences[26]){
         char c;
while ((c = getchar()) != '\n') {
            if (isalpha(c)){
                 occurences[toupper(c) - 'A']++;
    This function checks whether or not the two words are anagrams or not
23 v bool is_anagram(int occurences1[26], int occurences2[26]){
            if (occurences1[i] != occurences2[i]) {
                printf("The words are not anagrams.\n");
         printf("The words are anagrams.\n");
34 v int main(void) {
          int occurences1[26] = {0}, occurences2[26]= {0};
         bool same:
         printf("Enter first word: ");
         scan_word(occurences1);
         printf("Enter second word: ");
          scan_word(occurences2);
          same = is_anagram(occurences1, occurences2);
          return 0;
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
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Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\jayvee\ & 'c:\Users\jayvee\.vscode\extensions\ms-vscode.cpptools-1.15
gine-Error-hiwfv3k5.vxc' '--pid=Microsoft-MIEngine-Pid-pquk1f0n.g25' '--dbgExe=C:'
Enter first word: God
Enter second word: Dog
The words are anagrams.
```

At first, I included <stdbool.h> to utilize the Boolean functions, then I modified the code shown so that it can be made into a function, the same is done for the second function, then last is the main function just used to display the output.