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# CMSC 21 Lec11 – Pointers and Multidimensional Arrays

Github link:

1.

```
#include cstdio.hb
#include cstdio.hb // added for the is_anagram function to work

#include cstdiool.hb // added for the is_anagram function to work

#void scan_word(int occurrences[26];

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#void scan_word(cocurrences[26];

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#void scan_word(cocurrences[26];

#void scan_word(int word are anagrams.\n"); // if words are anagrams, it tell us this

#void scan_word(int words are not anagrams.\n"); // else, it says otherwise

#void scan_word(int occurrences[26]);

#void scan_word(int occ
```

### Output:

# C:\Users\UPHSI\Desktop>1 Enter first word: mattress Enter second word: smartest The words are anagrams. C:\Users\UPHSI\Desktop>1 Enter first word: deer Enter second word: read The words are not anagrams. C:\Users\UPHSI\Desktop>

2.

```
#include <stdo.h>
#include <stdoo.h>
#include <stdool.h>/* bool type */
#include <stdool.h> /* bool type */

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#include <stdool.h> /* bool type */

#include <stdool.hold */

#include <s
```

# Output:

## Command Prompt

```
C:\Users\UPHSI\Desktop>2
Enter first word: smartest
Enter second word: mattress
The words are anagrams.

C:\Users\UPHSI\Desktop>2
Enter first word: doom
Enter second word: mood
The words are anagrams.
```