

Arrays and Strings

Read all given words from the file words.txt into your program.

Per word count the numbers of characters and print out the occurrence of each letter.

Sort the occurrence according to:

- i. first occurrence in the given word
- ii. alphabetical order
- iii. most frequent frequent first, ascending

OUTPUT (sample for one entry/line):

Word: spinnennetz

Number of characters: 11

```
-----  
s: 1  
p: 1  
i: 1  
n: 4  
e: 2  
t: 1  
z: 1  
-----  
e: 2  
i: 1  
n: 4  
p: 1  
s: 1  
t: 1  
z: 1  
-----  
t: 1  
z: 1  
s: 1  
p: 1  
i: 1  
e: 2  
n: 4
```

Converting Data

Create following 2 pages:

Drop down menue (from 2 – 9, 11 -16)

Name:

Gender: ☒ m ☐ w

decimal number (base 10):

convert to number system:

Lieber Abi, die Umwandlung der Zahl 237 [decimal] ins Zielsystem [2] lautet: 11101101

Division	Mod
237/2	1
118/2	0
59/2	1
29/2	1
14/2	0
7/2	1
3/2	1
1/2	1