

Lab 8 Post-Lab Assignment

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4) break 6

4) run

6)

	1st iteration	2nd iteration	3rd iteration	4th iteration
num	112	11	1	0
rev_num	5	52	521	5211

8) Foo moves all digits from num to rev_num

9) Line 11: add single quotes to `\n` → `'\n'`

Line 13: space variable not declared. Add `"int space;"` outside while loop

Line 15: space should be equal to 0 and moved outside if statement

Line 19: space should be equal to 1

Line 22: add `"(float)"` in front of letters/words

```
#include <stdio.h>

int main() {

    int letters;
    int words;
    char character;
    int space;

    printf("Enter a Sentence: ");

    while((character=getchar()) != '\n') {
        if(character != ' ') {
            if(space) {
                words++;
            }
        }
    }
}
```

```
        space=0;
        letters++;
    }else
        space = 1;
}

printf("Average word length : %.1f \n", (float)letters/words);

return 0;
}
```

```
[pofremu1@gsuad.gsu.edu@snowball Lab8]$ ./q2
Enter a Sentence: It was deja vu all over again.
Average word length : 3.4
```