

Forum:[Hack Forums](#)

Thread: [Grabbing each line from CSV to Struct](#)

Volitair - November 11, 2018, 5:30 am

Hey guys,

I recently started to work with C in school and I am trying to make a program which can read each line from a CSV file and store it in a struct named "Products". The struct must be able to handle up to 100 products in total (The product.csv file contains 50 lines of products). So far this class that I have can read one line from the CSV file, and it only grabs the first line. If I use fgets again, it will overwrite the first line and give me the second line which is not what I need.

This is what the assignment says:

The input file products.csv contains about 50 items. Each single row corresponds to a product. A loaded line must be saved in one struct, with the name being, with content as above (The struct at the bottom of the thread). Create a field with these commodities with space for 100 pieces of goods.

So far this is the code I have:

```
Code #include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include <ctype.h>
#include "header.h"

int getfile(void)
{
    char *oneline, *tok;
    char oneproduct[256];
    char delim[] = ",";

    FILE *fp;

    if ((fp = fopen("products.csv", "r")) == NULL) {
        fprintf(stderr, "The file products.csv was unable to open. \n");
    }

    fgets(oneproduct, 256, fp);
    oneproduct[strlen(oneproduct) - 1] = '\0';
    printf("One line: %s\n", oneproduct);

    oneline = strdup(oneproduct);

    tok = strtok(oneline, delim);
    while (tok != NULL) {
        printf("%s\n", tok);
        tok = strtok(NULL, delim);
    }
```

```
free(online); free(tok);  
fclose(fp);  
return 0;  
}
```

The struct must contain the following items:

Code struct product

```
{  
    int productID;  
    char name[100];  
    float price;  
    float volym;  
    char type[100];  
    char stil[100];  
    char containment[50];  
    char country[50];  
    char producer[100];  
    float alcoholpercentage;  
};
```

Any ideas on how I can proceed to grab each line using a loop or something and store them in a struct?

I am willing to pay in bitcoin if someone could help me out with this :)

Thanks!

HFDone - November 11, 2018, 7:53 am

struct product products[100]

loop the lines count and sign the products array properties with your data