Mini project

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CSE-C

```c
#include <stdio.h>

#include <stdlib.h>

#include <string.h>


#define LINE_SIZE 256

#define AMOUNT_LIMIT 10000


int main() {

    char *content_length;

    int length;

    char buffer[4096];


    char date[20], account[20], type[20];

    double amount;


    // HTTP header

    printf("Content-Type: text/html\n\n");

    printf("<html><body>");

    printf("<h2>Suspicious Transactions</h2>");

    printf("<pre>");
```

```c
content_length = getenv("CONTENT_LENGTH");

length = content_length ? atoi(content_length) : 0;


if (length > 0 && length < sizeof(buffer)) {

    fread(buffer, 1, length, stdin);

    buffer[length] = '\0';


    char *data = strstr(buffer, "logdata=");

    if (data) {

        data += 8;  // skip "logdata="


        char *line = strtok(data, "%0D%0A");

        while (line) {

            if (sscanf(line, "%19[^,],%19[^,],%19[^,],%lf",

                    date, account, type, &amount) == 4) {


                if (amount > AMOUNT_LIMIT) {

                    printf("Date: %s | Account: %s | Type: %s | Amount: %.2f\n",

                        date, account, type, amount);

                }

            }

            line = strtok(NULL, "%0D%0A");

        }

    }

}


printf("</pre>");

printf("</body></html>");
```
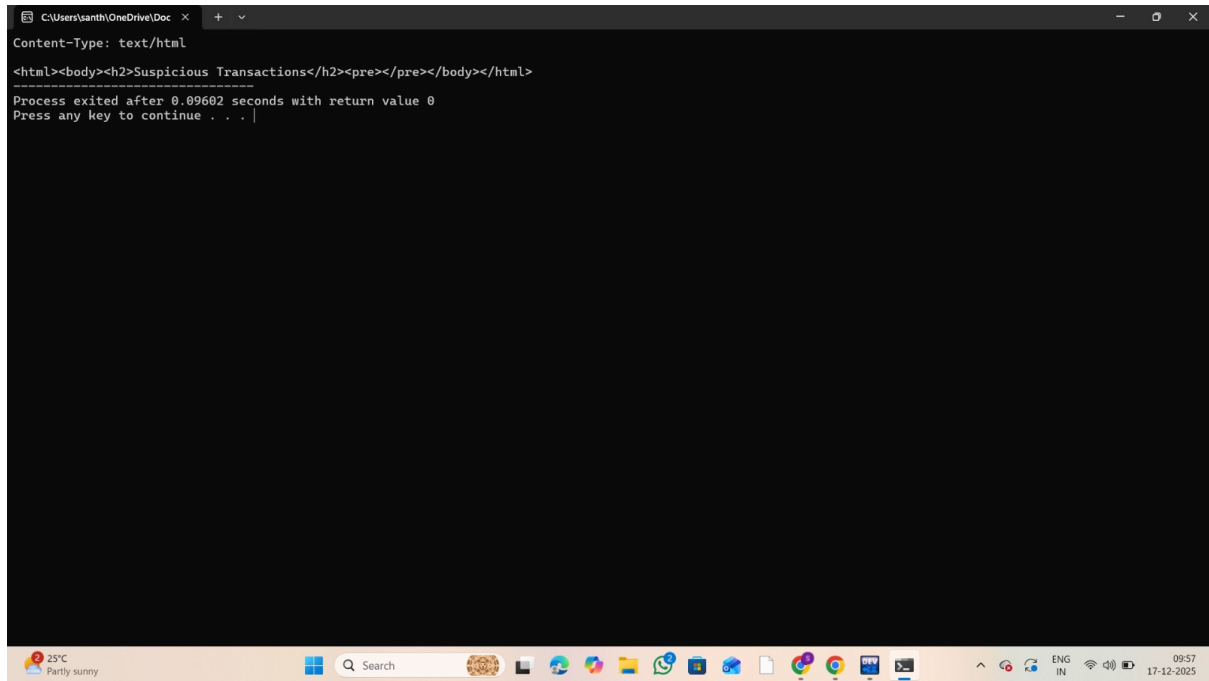
```
    return 0;

}
```

Content-Type: text/html

<html><body><h2>Suspicious Transactions</h2><pre></pre></body></html>

Process exited after 0.09602 seconds with return value 0
Press any key to continue . . .