

# Mini project

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CSE-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>");
```

```

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) {

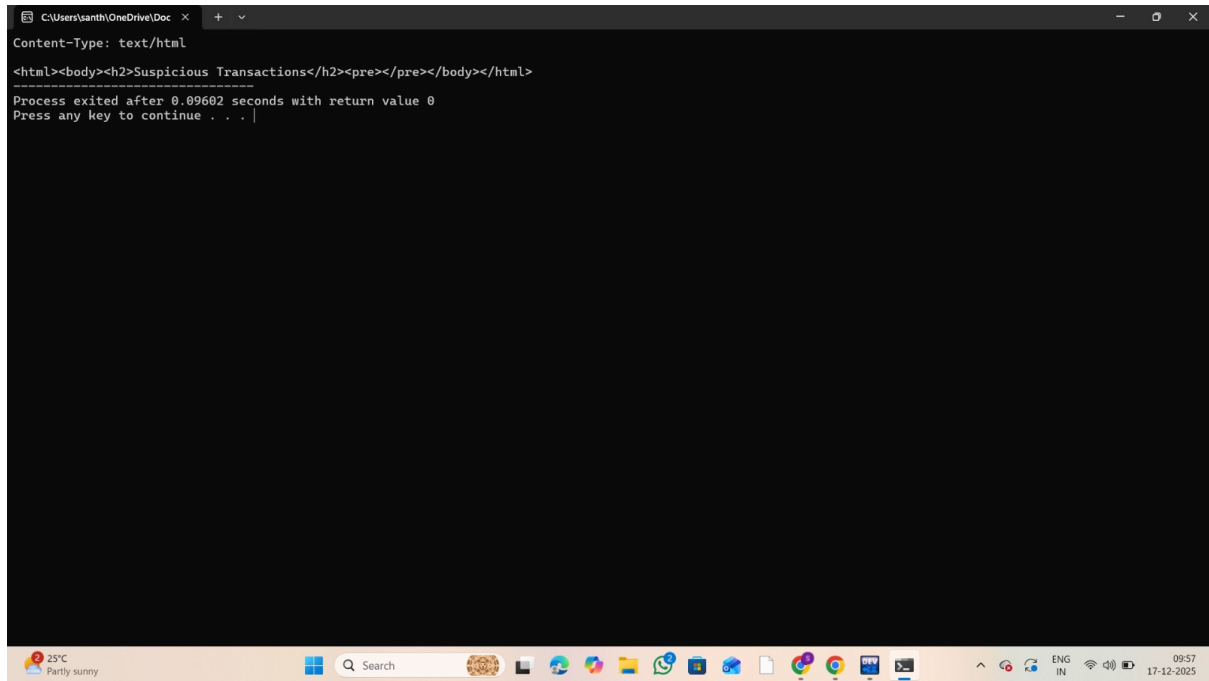
                if (amount > AMOUNT_LIMIT) {
                    printf("Date: %s | Account: %s | Type: %s | Amount: %.2f\n",
                        date, account, type, amount);
                }
            }
            line = strtok(NULL, "%0D%0A");
        }
    }

    printf("</pre>");
    printf("</body></html>");
}

```

```
return 0;
```

```
}
```



The screenshot shows a Windows terminal window with a dark background. The title bar indicates the file path is C:\Users\santh\OneDrive\Doc. The terminal output displays an HTTP response header 'Content-Type: text/html' followed by an HTML document structure: <html><body><h2>Suspicious Transactions</h2><pre></pre></body></html>. Below this, a message states 'Process exited after 0.09602 seconds with return value 0' and prompts the user to 'Press any key to continue . . .'. The Windows taskbar at the bottom shows the system clock as 09:57 on 17-12-2025, along with various system icons and a search bar.

```
C:\Users\santh\OneDrive\Doc x + - x
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 . . . |
```