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ALL



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## 1. Amazon Transaction Log (example question)

Your Amazonian team is responsible for maintaining a monetary transaction service. The transactions are tracked in a log file.

A log file is provided as a string array where each entry represents a transaction to service. Each transaction consists of

- *sender\_user\_id*: User identifier for the user who initiated the transaction. It consists of only digits with at most 9 digits.
- *recipient\_user\_id*: User identifier for the user who is receiving the transaction. It consists of only digits with at most 9 digits.
- *amount\_of\_transaction*: The amount of the transaction. It consists of only digits with at most 9 digits.

The values are separated by a space. For example, *sender\_user\_id recipient\_user\_id amount\_of\_transaction*

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Language C

Environment

Autocomplete  
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```
42 *
43 * char** return_string_array_using_dynal
44 *     *result_count = 5;
45 *
46 *     char** a = malloc(5 * sizeof(char
47 *
48 *     for (int i = 0; i < 5; i++) {
49 *         *(a + i) = malloc(20 * sizeof
50 *     }
51 *
52 *     *(a + 0) = "dynamic";
53 *     *(a + 1) = "allocation";
54 *     *(a + 2) = "of";
55 *     *(a + 3) = "string";
56 *     *(a + 4) = "array";
57 *
58 *     return a;
59 * }
60 *
61 */
62 char** processLogs(int logs_count, char*
63
64 }
65
66 int main() ...
```

Line: 19 Col: 1



Test Results

Custom Input