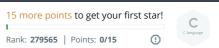


## **HackerRank**



## Dynamic Array in C 🌣





```
There are 5 shelves and 5 requests, or queries.

- 1 Place a 15 page book at the end of shelf 0.

- 2 Place a 20 page book at the end of shelf 0.

- 3 Place a 78 page book at the end of shelf 2.

- 4 The number of pages in the 0<sup>th</sup> book on the 2<sup>nd</sup> shelf is 78.

- 5 The number of books on the 0<sup>th</sup> shelf is 2.
```

```
C
                                                                Change Theme
                                                                                                     5 23 63
      int main()
      {
          int total_number_of_shelves;
          scanf("%d", &total_number_of_shelves);
          int total_number_of_queries;
          scanf("%d", &total_number_of_queries);
          while (total_number_of_queries--) {
              int type_of_query;
              scanf("%d", &type_of_query);
              if (type_of_query == 1) {
                   * Process the query of first type here.
                  int x, y;
                  scanf("%d %d", &x, &y);
                                                                                                    Line: 14 Col: 1
☐ Test against custom input
                                                                                      Run Code
                                                                                                    Submit Code
```

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