**Linear Search**

#include <stdio.h>

int main() {

int a[50], n, key, i, found = 0;

printf("Enter size: ");

scanf("%d", &n);

printf("Enter elements: ");

for (i = 0; i < n; i++) scanf("%d", &a[i]);

printf("Enter number to search: ");

scanf("%d", &key);

for (i = 0; i < n; i++) {

if (a[i] == key) {

printf("Found at position %d", i);

found = 1; break;

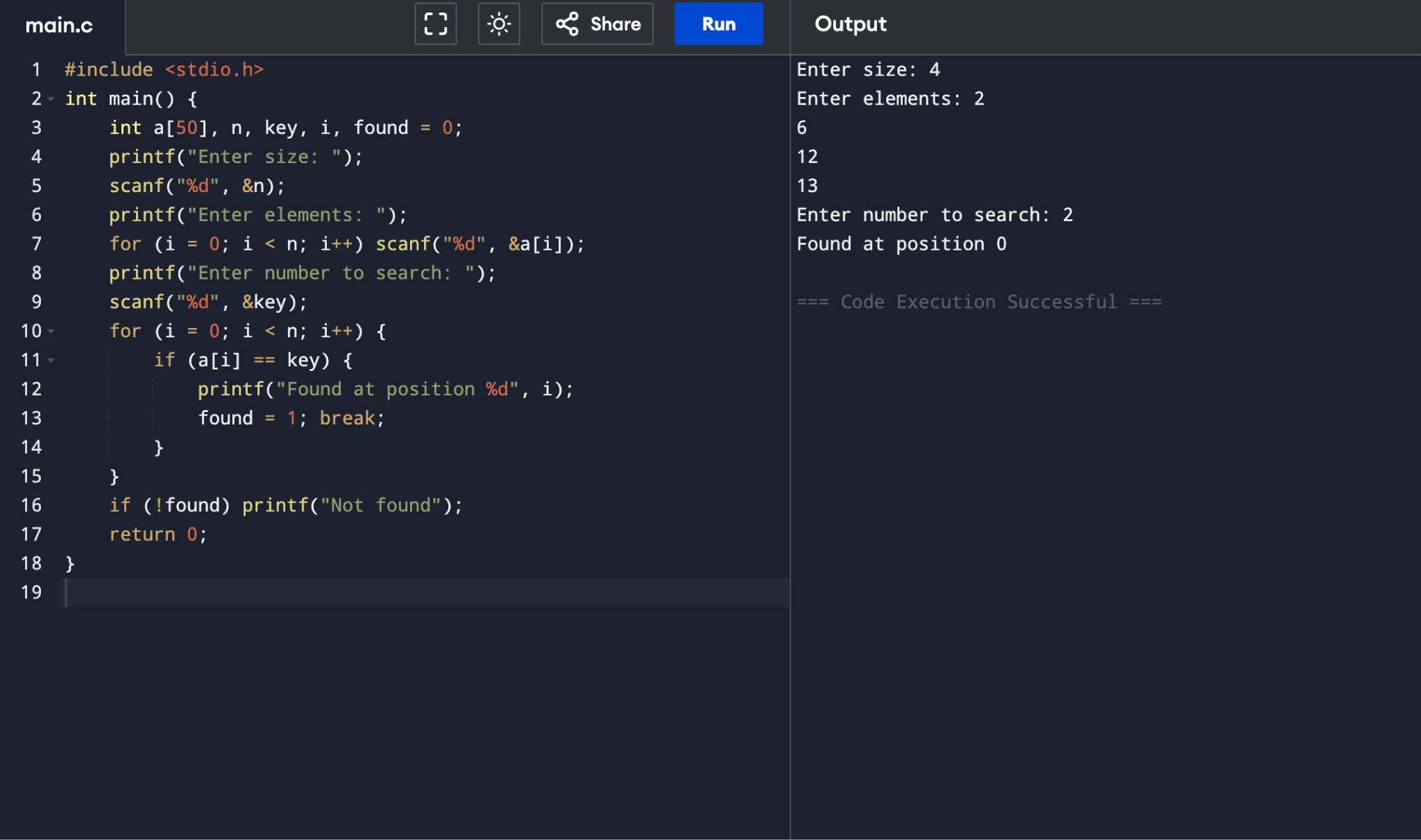
}

}

if (!found) printf("Not found");

return 0;

}

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