

problem.c

```
1  #include <stdio.h>
2
3  int main() {
4      int n;
5
6      printf("Enter N: ");
7      scanf("%d", &n);
8
9      int arr[n];
10     for (int k = 0; k < n; k++) {
11         printf("Enter element %d: ", k + 1);
12         scanf("%d", &arr[k]);
13     }
14
15     int i=n-1, j=n-2,temp,k;
16
17     while(i>0)
18     {
19         temp=arr[i];
20         arr[i]=arr[j];
21         arr[j]=temp;
22         i--;
23         j--;
24     }
25
26     printf("Modified array: ");
27     for (int k = 0; k < n; k++) {
28         printf("%d ", arr[k]);
29     }
30     printf("\n");
31     return 0;
32 }
33
```