```
1   reverse of array elements using recursion
2
3  #include <stdio.h>
4  void reverseArray( int [],int,int );
5  int main() {
6      int arr[] = {1, 2, 3, 4, 5};
7      int n = sizeof(arr) / sizeof(arr[0]);
8
9      for (int i = 0; i < n; i++) {
10        printf("%d ", arr[i]);
11     }
12     printf("\n");
13
14         int i=0,j=n-1;//i=start,j=end of array
15
16         reverseArray(arr, i, j);
17
18     for (int i = 0; i < n; i++) {
19         printf("%d ", arr[i]);
20     }
21     return 0;
22 }
23
24
25
26 void reverseArray(int arr[], int i, int j) {
27
28     if (i >= j)
29         return;
30
31     int temp = arr[i];
32     arr[i] = arr[j];
33     arr[j] = temp;
34
35     return reverseArray(arr, i+ 1, j - 1);
36 }
37
38
```