

unit2\midterm_code8.c

```
1 // c function to take an array and revers its elements?
2 #include <stdio.h>
3
4 void reverse();
5
6 void main(void)
7 {
8
9     reverse();
10 }
11 void reverse()
12 {
13     printf("enter size of the array: ");
14     int size;
15     scanf("%d", &size);
16     int arr[size];
17     for (int i = 0; i < size; i++)
18     {
19         printf("enter array element %d : ", i + 1);
20         scanf("%d", &arr[i]);
21     }
22     printf("\n array = ");
23     for (int n = 0; n < size; n++)
24     {
25         printf(" %d ",arr[n]);
26     }
27
28     int rev[size];
29     int k=size-1;
30     for (int j = 0; j <size; j++)
31     {
32         rev[j] = arr[k];
33         k--;
34     }
35     printf("\n reversed = ");
36     for (int l = 0; l < size; l++)
37     {
38         printf(" %d ",rev[l]);
39     }
40 }
41 }
42
```