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1: //Deleting from Array
2:
3: #include<stdio.h>
4:
5: struct Array
6: {
7:     int A[10];
8:     int size;
9:     int length;
10: };
11:
12: void Display(struct Array arr)
13: {
14:     int i;
15:     printf("\nElements are\n");
16:     for(i=0;i<arr.length;i++)
17:         printf("%d ",arr.A[i]);
18: }
19:
20: int Delete(struct Array *arr,int index)
21: {
22:     int x=0;
23:     int i;
24:     if(index>=0 && index<arr->length)
25:     {
26:         x=arr->A[index];
27:         for(i=index;i<arr->length-1;i++)
28:             arr->A[i]=arr->A[i+1];
29:         arr->length--;
30:         return x;
31:     }
32:     return 0;
33: }
34:
35: int main()
36: {
37:     struct Array arr1={{2,3,4,5,6},10,5};
38:     printf("%d",Delete(&arr1,0));
39:     Display(arr1);

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40:  return 0;  
41: }
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