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Algorithm

1. Start
2. Input n
3. Display enter array elements
   for(i=0; i<n; i++)
   input a[i]
4. Enter the choice 2 for insertion or deletion
   Input ch
5. Switch(ch)
   case '1': Input pos, etc
   for(i>n-i, i>=pos, i--)
   a[i+1] = a[i]
   a[pos] = etc
   n++
   Display array after insertion
   for(i=0; i<n; i++)
   out put a[i]
   break
   case '2': Input pos. etc
   etc = a[pos]
   for(i=pos; i<n-1; i++)
   n--
   Display array after deletion
   for(i>0; i<n; i++)
   output a[i]
   break;
   default: Display invalid choice
6. Stop.

Flow chart