C - program to insert and delete elements in array

Algorithm:

- 1. Start
- 2. Input n
- 3. Display enter array elements for (i=0; 1<1 ;i+t) input a[7]
- u. Enter the choice Z for insertion or deletion Input ch
- 5. Switch (ch)

case'i: Input pos, etc

for (i=n-i; i>= pos; i--)

a [i+i] = a[i]

a [pos] = etc

n++

Display array after insertion

for (i=o; i<n; i+1)

Output a[i]

break

case 'a' ? Input pos, etc

etc=a[pos]

fox (1 = pos; 1<n-1; 1++)

Display array after deletion

for (i=0; i<n; i++)

Output acij

break;

default: Desplay invalid choice

default: Desplay invalid choice 6. Stop Flowchart Start Input Enter array elements Input alij Enter the choice for inseation or deletion Input ch Switch (ch) Input pos, etc True for Ci=n-1 31>pos ; i--Case 1 $\alpha [?+1] = \alpha [?]$ a[Pos]=etc Display array after insex fich Output a [i] preak Input pos, ele True (case 2 ele = a [pos] fox (i=pos; i < n-1; i++) a [1] = a [1+1] Grray after deletion For (Y=0;Y<n; Y++) Output at?] break Jrue Invalled choice Default Stop