**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, Kattankulathur**





**School of Computing**

**21CSC201J – Data Structures and Algorithms**

**Topic: Deleting an Element from an Array**

**Activity: Fill the missing Pseudocode**

**Algorithm to delete the last element of an array**

 Step 1 : SET upper\_bound = upper\_bound - 1

 Step 2 : EXIT

**Algorithm to delete an element from the middle of an array given position POS**

 Step 1 : [INITIALIZATION] SET I = POS

 Step 2 : Repeat Steps 3 and 4 while I <= N - 1

 Step 3 : SET A[I] = A[I+1]

 Step 4 : SET I = I + 1  
[END OF LOOP]

 Step 5 : SET N = N - 1

 Step 6 : EXIT