

ERRATUM

An error has been found crept in **Chapter 3 (Data Structures and Operations)** of **Computer Science Textbook - Class XII** due to some technical reasons. The same has been corrected when noticed. However, this erratum is published for correction on certain printed copies of the textbook. Errors are marked in **red** colour and the corresponding corrections in **blue** colour. Details are given in the following table:

Page No.	Correction required	Current content	Corrected content
65	The instruction given in step 1 for push operation in a stack	1: If (TOS < N) Then	1: If (TOS < N-1) Then
67	The push() function in the Info box	if (tos < n)	if (tos < n-1)
70	The instruction given in step 4 for insertion operation in a queue	4: Else If (REAR < N) Then	4: Else If (REAR < N-1) Then
72	The ins_q() function in the Info box	else (if rear < n)	else if (rear < n-1)
72	The instruction given in step 1 for deletion operation in a queue	1: If (FRONT > -1 AND FRONT < REAR) Then	1: If (FRONT > -1) Then
81	The instructions given in steps 3 and 5 for insertion operation in a linked list	<p><u>Step 3:</u> Obtain the addresses of the nodes at positions (POS-1) and (POS+1) in the pointers PreNode and PostNode respectively, with the help of a traversal operation</p> <p><u>Step 5:</u> Copy the content of PostNode (address of the node at position POS+1) into the link part of the new node that is pointed to by Temp.</p>	<p><u>Step 3:</u> Obtain the addresses of the nodes at positions (POS-1) and POS in the pointers PreNode and PostNode respectively, with the help of a traversal operation.</p> <p><u>Step 5:</u> Copy the content of PostNode (address of the node at position POS) into the link part of the new node that is pointed to by Temp.</p>