

Element access features of abstract data structures:

Abstract Data Structure	Access front	Access back	Access middle
Deque	Yes	Yes	No
Stack	Yes	No	No
Queue	No	Yes	No

Element insertion features of abstract data structures:

Abstract Data Structure	Insert front	Insert back	Insert middle
Deque	Yes	Yes	No
Stack	Yes	No	No
Queue	Yes	No	No

Element deletion features of abstract data structures:

Abstract Data Structure	Delete front	Delete back	Delete middle
Deque	Yes	Yes	No
Stack	Yes	No	No
Queue	No	Yes	No