

1) An ordinary queue is implemented using an array that can store a maximum of 5 elements. Initial values of Rear and Front are -1. What will be the values of Rear and Front after following operations?

Insert 10  
Insert 20  
Insert 30  
Delete  
Insert 40  
Insert 50  
Insert 60  
Insert 70  
Delete  
Delete  
Delete  
Delete  
Insert 80

2) A circular queue is implemented using an array that can store a maximum of 4 elements. Initial values of Rear and Front are -1. What will be the values of Rear and Front after following operations?

Insert 10  
Insert 20  
Insert 30  
Delete  
Insert 40  
Insert 50  
Delete  
Delete  
Insert 60  
Delete  
Insert 70  
Delete  
Delete  
Insert 80  
Insert 90  
Delete