

Step 1: Inserted 2

Queue State: [2, None, None, None, None, None, None, None, None, None]

Front = 0, Rear = 0

Step 2: Inserted 24

Queue State: [2, 24, None, None, None, None, None, None, None, None]

Front = 0, Rear = 1

Step 3: Inserted 18

Queue State: [2, 24, 18, None, None, None, None, None, None, None]

Front = 0, Rear = 2

Step 4: Removed 2

Queue State: [None, 24, 18, None, None, None, None, None, None, None]

Front = 1, Rear = 2

Step 5: Peeked at 24

Queue State: [None, 24, 18, None, None, None, None, None, None, None]

Front = 1, Rear = 2

Step 6: Inserted 7

Queue State: [None, 24, 18, 7, None, None, None, None, None, None]

Front = 1, Rear = 3

Step 7: Inserted 88

Queue State: [None, 24, 18, 7, 88, None, None, None, None, None]

Front = 1, Rear = 4

Step 8: Inserted 82

Queue State: [None, 24, 18, 7, 88, 82, None, None, None, None]

Front = 1, Rear = 5

Step 9: Inserted 5

Queue State: [None, 24, 18, 7, 88, 82, 5, None, None, None]

Front = 1, Rear = 6

Step 10: Inserted 1

Queue State: [None, 24, 18, 7, 88, 82, 5, 1, None, None]

Front = 1, Rear = 7

Step 11: Inserted 1

Queue State: [None, 24, 18, 7, 88, 82, 5, 1, 1, None]

Front = 1, Rear = 8

Step 12: Inserted 1

Queue State: [None, 24, 18, 7, 88, 82, 5, 1, 1, 1]

Front = 1, Rear = 9

Step 13: Inserted 1

Queue State: [1, 24, 18, 7, 88, 82, 5, 1, 1, 1]

Front = 1, Rear = 0