

Nama : Muhammad Dani Haikal

Kelas : DA

NIM : 26090031

Uraian No. 1

Step 1: Push 4

Step 2: Push 2

Step 3: Push 3

Step 4: Peek

0

0

0

0

1

1

1

1

2

2

2

2

3

3

3

3

4

4

4

4

5

5

5

5

6

6

6

6

7

7

7 3

7 3

8

8 2

8 2

8 2

9 4

9 4

9 4

9 4

Step 5: ~~Push~~ ^{Nama saya} adalah Step 6: Pop

0 Muhammad Dani Haikal 0

1

1

2

2

3

3

4

4

5

5

6

6

7 3

7

Nilai yang dihapus = 3

8 2

8 2

9 4

9 4

Ilustrasi No. 2

Step 1: enqueue (9)

0 1 2 3 4 5 6 7 8 9
9

qfront

Step 2: enqueue (8)

0 1 2 3 4 5 6 7 8 9
9 8

qfront qback

Step 3: Peek

0 1 2 3 4 5 6 7 8 9
9 8

qfront qback Nilai Yang Paling Depan = 9

Step 4: Dequeue

0 1 2 3 4 5 6 7 8 9
8

qfront

Step 5: enqueue (7)

0 1 2 3 4 5 6 7 8 9
8 7

qfront qback

Step 6: enqueue (6)

0 1 2 3 4 5 6 7 8 9
8 7 6

qfront qback

Step 7: Peek

0 1 2 3 4 5 6 7 8 9
8 7 6

qfront qback Nilai Yang Paling Depan = 8