Nama :Renni Ren Rofa	. Pgb			
Npm : G1F021002				
Matkul: ASD				
Array alArray al	ternative 1 ternative 2 ternative 3 pe as before			
Buaif quelsedequeue	2 reference: front t sebuah node bar ueue sebelumnya tambahkan N di a c():	→ → →baru N yang datanya empty, maka frontakhir (dan update na: front = front.ne	x t = back = N back)	nda x):
Add(P,3) Add(P,4) Add(P,2) Del(P) Del(P) Add(P,5) Del(P) Del(P)	c i Aigonulia .			
1	2	3	1	5
3	<u>2</u> 4	2	4	3
Head = 1 Tail = 3 Is empty = True	· · · · · · · · · · · · · · · · · · ·			I
1	2	3	4	5
2				
$\begin{aligned} & \text{Head} = 1 \\ & \text{Tail} & = 0 \\ & \text{Is empty} = \text{True} \end{aligned}$				
1	2	3	4	5
5	2			

Head = 1Tail = 2Is empty = True 2 3 4 5 1 Head = 0Tail = 0Is empty = False Array Alternative 2 Algoritma: Add(P,3)Add(P,4)Add(P,2)Del(P) Del(P) Add(P,5)Del(P) Add(P,6)Add(P,7)Del(P) Del(P) Del(P) 1 2 3 4 5 4 2 3 Head = 1Tail = 3 Is empty = True 1 2 3 4 5 2 Head = 1=0Tail Is empty = True 1 2 3 4 5 2 5 Head = 1Tail =2Is empty = True

Head	=	1	
Tail		_	U

Is empty = True

1 2 2

1	2	3	4	5
7	6	2		

3

4

5

Head = 1 $Tail = 3$				
I all = 3 Is empty = True				
1	2	3	4	5
Head = 0 Tail = 0 Is empty = False				
Array alternativ Algoritma:	e 3			
Add(P,3) Add(P,4) Add(P,2) Del(P) Del(P) Add(P,5) Del(P) Add(P,6) Add(P,7) Add(P,8) Del(P) Del(P) Del(P) Del(P) Del(P)				
1	2	3	4	5
3	4	2	•	
Head = 1 Tail = 3 Is empty = True				
1	2	3	4	5
$\begin{aligned} & 2 \\ & \text{Head} = 1 \\ & \text{Tail} & = 0 \\ & \text{Is empty} = \text{True} \end{aligned}$				
1	2	3	4	5
5	2			
Head = 1 Tail = 2 Is empty = True	2	3	4	5
$ \begin{array}{rcl} & 2 \\ & \text{Head} = 1 \\ & \text{Tail} & = 0 \\ & \text{Is empty} = \text{True} \end{array} $				

1	2	3	4	5
8	7	6	2	

Head = 1

Tail = 3

Is empty = True

1	2	3	4	5

Head = 0

Tail = 0

Is empty = False