

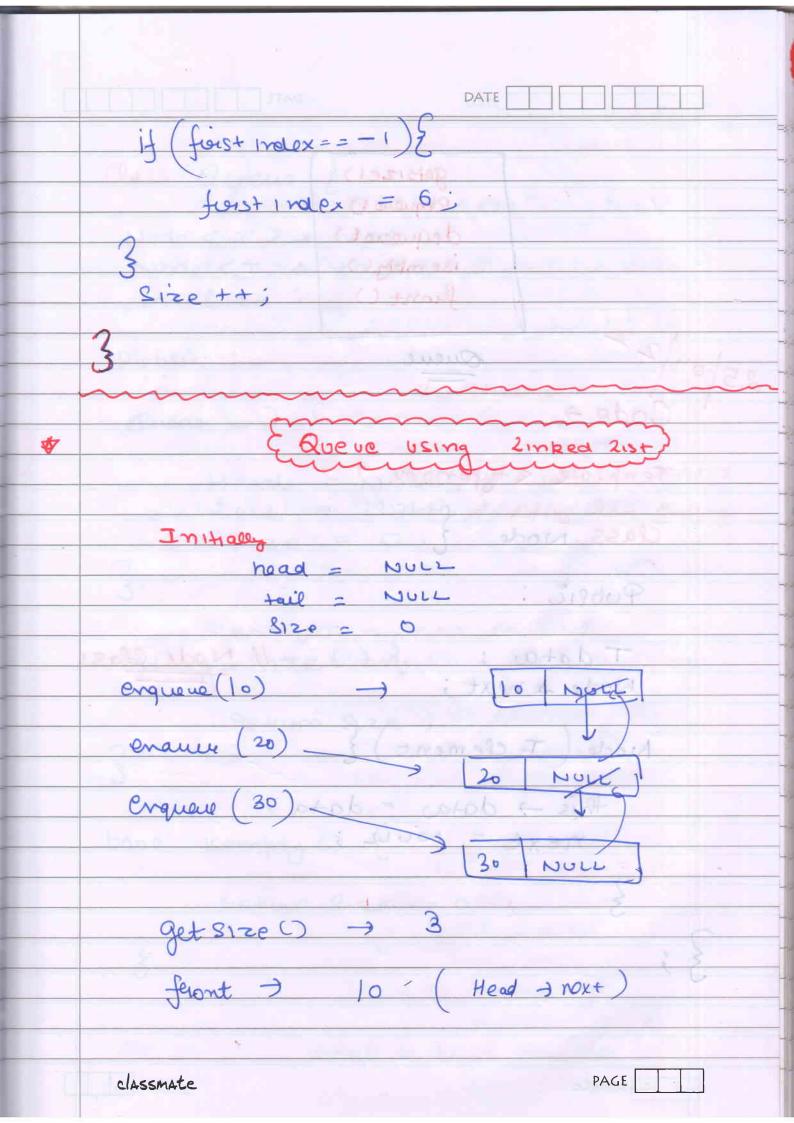
LILIE STAG STATE DATE DO TO THE STATE OF THE
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it (and the control of the control
if (Size == Capacity) {
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7
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3 12 Cather Cather Can Comment of the Cather
812e + + ;
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\\
// Show value at oth maex.
F front () {
if (Green > 105 property) if
TOUS E WOOX = 1) // OL USE ISEMPTY
Cout 44 Queue is empty;
2 i (2) 10 C+VIS querra guis mannis !
Meturn data [first index];
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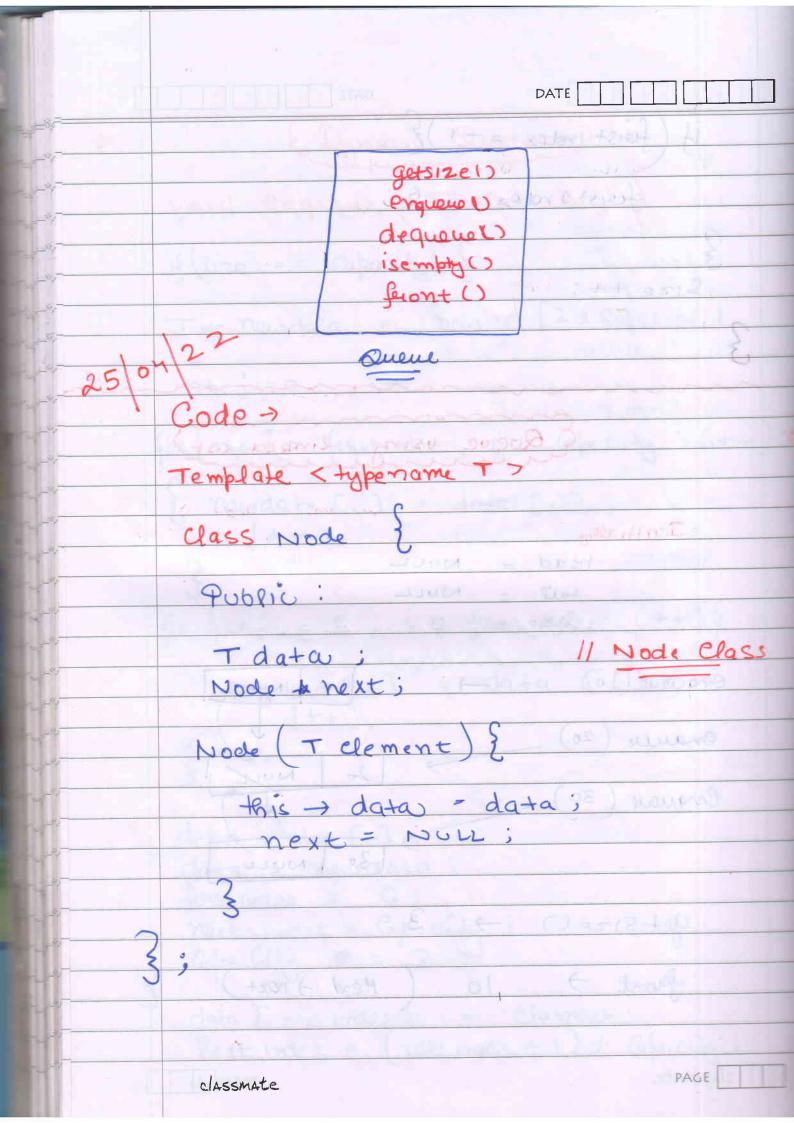
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		3 11
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No.	first index = -1;	16
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N/D	044 44 8518	
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5	Colonia a Saint I 2 (0) +ma	
	# Include < LOSHegm>	
	Using nomospace Std;	ii ale
	- Merone and the Control of	
- 10-10-	mt Main () {	
and the second second	Delay of the same	
	Queue using Array < Int 7 q (5);	5 4
	q. Enqueue (10); I de	NA.
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	DATE DATE
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	a. enqueue (20);
	a. engueue (30);
	a, enqueue (40);
	WHITE TO THE STATE OF THE STATE
	ay enqueue (50):
	Light Miles
	ay enqueue (6°); -> Que us full
	set is at a most Burg up representation of the later terms of the
	Cout LC q. front () CC endl; -> 10
	Cout LU Que de grene Co El enals
	Cout cc q. dequeue () < C enal,
	Cout 22 qu. dequeue () c c eval; -> 30
	The state of the s
	Cout << ay. get size) << enal; -> 2
	Cout << q. isompty () << endl; >0
	Branch Gleft of the Telegraphic Still
	Output > [10 20 30 40 50]
	CHILLIA (St.)
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	date I now indos - Clarage
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DATE DATE
Dynamic Queus
THE BUILDINGS IVE
Void enqueux (T element) }
Computation of the computation o
if (Size = = Capacity) {
To newdata = new T [2 x Capacity]
a Evolutions (20)
1n+ j = 0
as evaluated (8 6) The summer of the
for (int i = first indox; i < copa city i i++
The state of the s
newdata [i] = data [i] i
(out one of decoration)
1 2 1 Labras & Crausantern & S. fush
for (inti = 0; i < forst irobe; i++) {
1 0 - 1: 2hn 3 3 2 (2) stdm 321 19 18 3 1111)
newdota [i] = data [i];
j++;
2 2 Philadell Estudio
3
d-1. 1. 5.7 ·
delak data [];
data = newdata;
furst waex = 0;
next masx = Capacity;
apa City & = 2
data [noxt index] = clement
next index = (next index + 1). / Capacity;
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	DATE DATE
	I INSENDED DE PROMETOR DE LA PROMINCIA
	Class Queue }
	Void Paguous For (Ella manus)
	Node < T > * head;
200	Node (T) + tail;
	Int Size;
	Duentality of a exposed 121
	Public:
	11 Gonstauctor
	Queue () } dooman on = brand
	The share along a supply to the same and the
4.	Head = NULL; // pusing from Starting
	tail = NULL; // poping from Ending
	81ze = 0;
	-2 hours as head as most 2 1933
	5
	to to the mark = thousands as
	int get Size() }
	Heturn Size j
	2 3102 WM 200 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	5
	book isempty () {
	Except the many interests to the rest of the second
	return Size == 0 ;
	Jen to a (a C) applyment of aliano
	Sind that deball had been the
	1.0 mort.of
	i Dint + hard mentor
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	DATE DATE
	11 Inscrting Element
	Void en quoue (T Element)
<u> </u>	Node (T) + new node = new Node (T) (cloment)
	if (head = = NULL)
	S - Water Wa
	head = newnode;
Be the	2 Land Maria - Jord H
	§ 100 = 9518
	Clse E
_	tail - next = newhode; 11 tail = tail - rext
	3 THE DESIGNATION OF THE STREET
	Srze ++ ;
3	See a data data da
	11 Front clement
	if (Isempty ())
-	return 0;
	3 return head + data;
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Sugur Probabling the 11 delote Element & topology T de queue () } motor developmenty ()) + Employe Detugn Oj () 1014043biov - Compasto T Tams = head -> data; -> gaving data > Node <T> + temp = head; head = head - next; de lete temp: F mounded to Debut on # tet win ans ; well > assign # : tota some smort priso E O MAN AND Since our Node is dynamic so we need to expicitly delete it so in order to delete first we stored its address into kmp and then deleted temp: 01 lover 10 (06) DISHO (30) ; classmate PAGE

- "	# in clode (queve)
0.5 0.0	DATE
26 Apr	(Inbuiett Queue)
	4
-	# include < queve>
	Enqueue (Telement) -> Void push (Telement)
	T front () -> T front ()
	T dequeue () -> void pop();
sub-ole	int getsize () -> int size ()
N.F.	and O Steel
	bool 1sempty) bool empty
47	
-VT	e 99
4-1	Made by us Inbuilt
4,	
_0,=	Code →
_9/-	# Include < 10s friegm >
247	# Include < quoue 7 mg + 3 th
-%-	Osing name Space Std;
	int main () }
Sur Jacon D	val lister with a standard standard of the control
L Mold	queue < int > Q;
41	minimized control and the state of the state
	a had to like the state of the
##	Q. push (10);
#F	
#	a. push (30);

	DATE DATE
	and the same of th
	G. feront ()
	Cout a font.
	Cout << que q. front () < < endl;
	9. 50b C)
	// Size of Queue
	Cout << q. Size () << ende;
	Cout << q. empty() << ende;
	while (& q. empty ())
	5
7	Court 11 a C
	Cout << q. front () << endbl;
	3
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