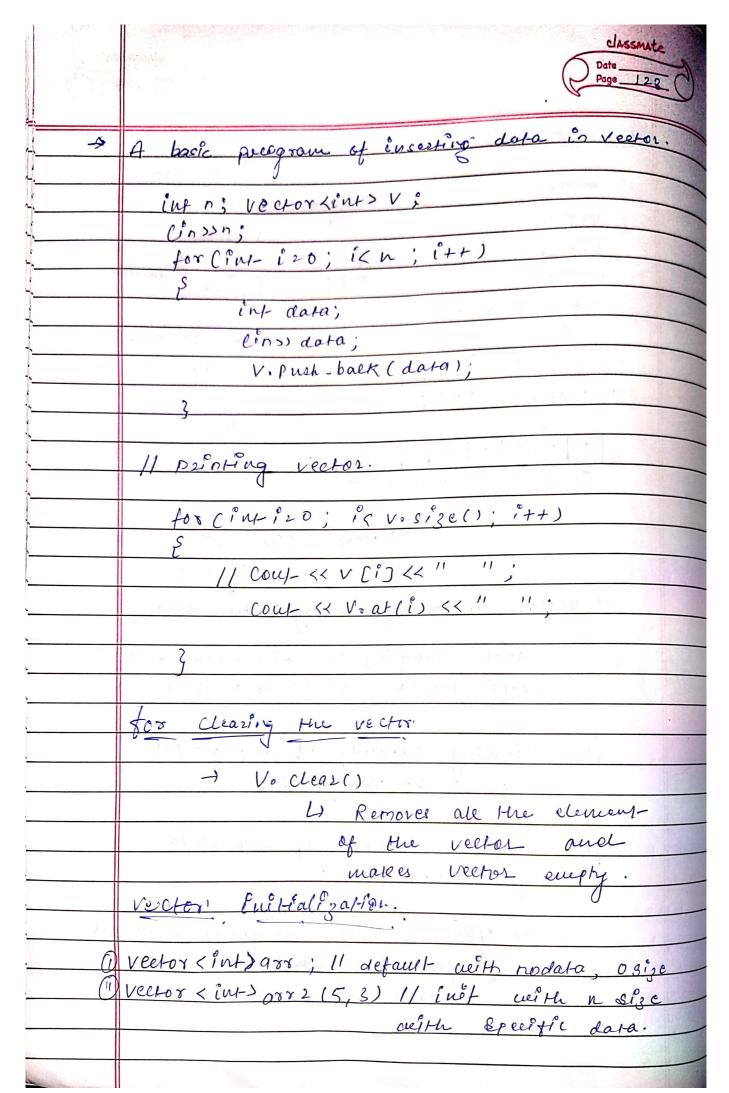
Class	
Date Page	The same
rage	THE C

	Date
	Page 12C
=====	
	- when we don't need to ask the
<u></u>	user for size of array.
	And we just want to keep inserting.
	une data. Here vector comes înto scene.
<u>.</u>	The second of th
	Header file for veetob-
-	
W 2	#include < vector >
<u> </u>	The state of the s
	Declaration.
	Vector < data Type > Vector Name;
-	The second of th
National Control	- Initialization.
1.0	The state and -animaling ever-
	(i) vector < data Tyre > 5 value 1, value 2, value 3}
	(ii) vector (dataType) (size, value);
	(ii) vector { data Types come = vector);
	- Inserting elements in veetur.
1 2 2 2 2	
	Vector (int > V;
	V. push_back (1);
	Vipush-back (2);
	Vipush-balk (3)
	-> finding size ên veetor. Nector sintsv(5);
	bector sintrice.
11.6	int size of vector = V. size ().
	Scanned with CamScanner

	Page 127
	How vector works
	Vector 2 Sat S V a
	Vector < 2n+3 V o // kushh bhi mat allocate kro
	Vopush_back (1); - 1 1 2 double
	V. Puah - bock (3); -> 1 2 3 2 double.
	V. push_ rack (4); (0123
	Here, size = 3 but
	[1/2/3/4] Capacity = 4
6.0	Vopush-back (5);
	double.
and a second	1 2 3 4 5
	0 1 2 3 4 5 6 7.
	Letter to be a section of the sectio
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Here Size = 5
	copacity = 8
	-> Vector internally manages the dize
	Acepiro capacity se koi mattab nævihai
	Aapto matlab hai be agne size sa.
-	for finding capacity of any vector
i ili	for finding capacity of any vector = v. capacity ();
	-1 erone and the respect of
	For deleting element of any veerful
	= (No pop();
	2 ments
	Juis function remains elements
	of fur function of side of
	veefor.
	· ALLAN AND THE CANADA





	classmate
	Date Page 12 %
	€ Vector (int > 9 or 3 = ξ 1, 2, 7, 43;
	@ vector (Int) arry \$1,2,3,4,53
	The second of th
	Copyling leetos.
	Vector (int) arrs = 8 1,2,3,4,53
	Vector (int > 9886 (9885)
	goes all values of avois in armo.
	Characher Veetor.
	. history of white
	Vector (char) V;
	V. puph-back ("A');
. 4	Vopush-back ('b')
	V. push-back ('h');
2013	Vogush-back ('i');
	11 prior print element of Vector.
	Coul- CK " Front element" << V[0] (< endl;
	Cout << " front element" << Vo front D << endlis
	11 Print Last clement of vector.
	Cout St" End Flement "St V [Vosize 1)-1] scendl;
	Cout se" End Flement" (4 V. back 1) (cendly
#	the transfer wearen wearen was grant of the
- 1	for each Loop Putro : ferator which automatically
	for (auto it iv)?
	lout << it << " "; and print.



	Data Page 131
	hold without reallocation.
	5. Array-Like Access: you can access
	elements in a vector using average - like syntax using square breakets ([]) or the at() (member function.
	enter using square breakets ([]) or
	the ato member function.
1 81	
E A	
£	