

**BCA - II SEM****DATA STRUCTURE USING "C" (CODE: 108)**

S. NO.	NAME OF STUDENT	ENROLL. NO.	TOPICS
1	PRATHAM KHANNA	00190102019	Introduction to Data Structures
2	JATIN	00290102019	Basic Terminology of Data Structures
3	PRAGYA BHARGAVA	00390102019	Elementary Data Organizations
4	MOHIT SINGH SLATHIA	00490102019	Classification of data structures
5	ABHISHEK KUMAR	00590102019	Classification of data structures and its operations.
6	NEERAJ BHARDWAJ	00690102019	Array : introduction
7	ASHISH KUMAR TANWAR	00790102019	Basic operations on Array
8	MOHIT	00890102019	Traversal of an array
9	ADITYA SINGH	00990102019	Insersion in an Array - at the Beginning,
10	ASHWINI RAI	01090102019	Insersion in an Array - at a given location
11	ANURAG VERMA	01190102019	Insersion in an Array - at the end
12	UMA	01290102019	Deletion in an Array - at the Beginning
13	SUMIT SHOKEEN	01390102019	Deletion in an Array -at a given location
14	DEEPAK KUMAR VERMA	01490102019	Deletion in an Array - at the end
15	ANJALI PANDEY	01590102019	Representation of single and multidimensional arrays (up to three dimensions) ;
16	SATYAM BHATT	01690102019	Sparse arrays - lower and upper triangular matrices and Tri-diagonal matrices
17	AAKASH	01790102019	Addition of two sparse arrays.
18	GAURAV KUMAR	01890102019	Subtraction of two sparse arrays.
19	CATHERINE JEENA	01990102019	Multidimensional, and, sparse arrays, to be given elementary treatment.
20	RIDDHESH KOHLI	02090102019	Stacks and Queues: Elementary introduction
21	JAYANT TAKWAL	02190102019	Introduction and primitive operations on stack : push and pop
22	PRIYANSH GAUTAM	02290102019	Stack application: Polish Notations
23	SAURABH	02390102019	Evaluation of postfix expression
24	NAMAN BADHAN	02490102019	Conversion from infix to postfix
25	NITISH JAIN	02590102019	Introduction and deletion: primitive operations on queues
26	SURESH SINGH SAUD	02690102019	D-queues and priority queues
27	YASH KAUSHIK	02790102019	Circular queue
28	YASHIKA YADAV	02890102019	Lists: Introduction to linked lists;
29	PAWAN GUSAIN	02990102019	Sequential and linked lists

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30	DEEPAK KUMAR	03090102019	Traversal of link list
31	SAGAR KARHANA	03190102019	Insertion in a link list- at the beginning
32	JATIN JARYAL	03290102019	Insertion in a link list- at the end
33	KARTIK SINGH RANA	03390102019	Insertion in a link list- at the given location
34	AKANKSHA	03490102019	Deletion in a link list - at the beginning
35	RAMAN GANGWANI	03590102019	Deletion in a link list - at a given location
36	SUMIT DHABAL DEV	03690102019	Deletion in a link list- at the end
37	NEHA	03790102019	Searching in a link list
38	CHAVI DWIVEDI	03890102019	Two way lists and Use of headers
39	YAMINI	03990102019	Trees: Introduction and terminology
40	MRIDUL ANAND	04190102019	Traversal of binary trees : inorder
41	HARSH	04290102019	Traversal of binary trees: preorder
42	KRUSHNA CHANDRA MAHAPAT	04390102019	Traversal of binary trees: postorder
43	GAUTAM GUPTA	04490102019	Recursive algorithms for tree operations such as insertion
44	VIKASH TIWARI	04590102019	Recursive algorithms for tree operations such as deletion
45	UDITANSHU SHARMA	04690102019	Introduction to AVL trees
46	ANKIT KUMAR JHA	04790102019	Creation of AVL trees
47	DEEPAK KUMAR SINGH	04890102019	Rotations in AVL tree : various types
48	ROHAN RAI	04990102019	Left Left Rotation in AVL tree
49	NAVEEN SHARMA	05090102019	Right Left Rotation in AVL tree