

MAA BHARTI PG COLLEGE
BCA- 3rd Sem
PRACTICAL ASSIGNMENT DATA STRUCTURE

1. Write a program to display Fibonacci series up to a range.
2. Write a program to demonstrate the concept of one dimensional array finding the sum of array elements and also find out minimum and maximum element in Array.
3. Write a program to insert an element in given position in an array.
4. Write a program to delete an element in given position from an array.
5. Write a program to add two Diagonal matrix A and B.
6. Write a program to multiply two matrix A and B.
7. Write a program to find duplicate Element from Array.
8. Write a program Implementation of stack using array.
9. Write a program Implementation of queue using array.
10. Write a program Implementation of circular queue using array.
11. Write a program Implementation of linked list using array and perform insert and Delete operation..
12. Write a program To Create Fibonacci series using recursive function.
13. Write a program Implementation of binary search tree using array
14. Write a program To Search an element using sequential search.
15. Write a program To Search an element using binary search.
16. Write a program Arrange the list of numbers in ascending and descending order using Bubble Sort.
17. Write a program Arrange the list of numbers in ascending order using Merge Sort
18. Write a program Arrange the list of numbers in ascending order using Quick Sort.
19. Write a program Differentiate between Tree and Graph.
20. Write a program to find duplicate characters from character Array without String Function.