University of Engineering and Management (UEM),Kolkata

Department of Computer Applications

Stream: MCA

Session: 2023-2025

Subject Name: Advanced Data Structures with C Laboratory

Subject Code: MCACC294

Class taken by:
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Topic: **To implement Binary Tree**

1. Write a C program to create a binary tree using recursive function and display that level wise.
2. Write a C program to create a binary tree using non-recursive function and display that level wise.
3. Write a C program to create a binary tree using array only and display the tree level wise.
4. Write a C program to identify the height of a binary tree.
5. Write a C program to identify degree of a given node.
6. Write a C program to count number of leaf node present in a binary tree.
7. Write a C program to count number of internal node present in a binary tree.
8. Write a C program to count number of node present in a given binary tree using linked list.
9. Write a C program to count number of node present in a given binary tree using array.
10. Write a C program to count number of siblings present in a binary tree.