



National Institute of Technology, Raipur

राष्ट्रीय प्रौद्योगिकी संस्थान, रायपुर
G.E. Road, Raipur-492010 (C.G.)

Phone: (0771) 22 54 200
Fax: (0771) 22 54 600
Website: www.nitr.ac.in

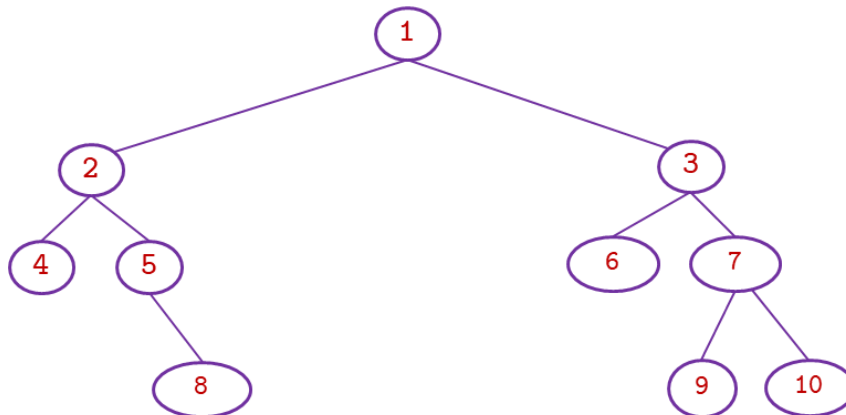
Course Name: Computer Lab 201 (Data Structure)

Instructor: Dr. Dibakar Saha and Dr. C. M. Anish

TA: Mr. Santosh Shakya and Mr. Anjanee Kumar

Assignment 10:

Implement the following tree using the Linked list.



Print the following Properties of a particular node, which is given by the user on execution time of the program.

1. The degree of a node = <node> is <result>
 2. Neighbor of the <node> = { <nbr1, nbr2,...>}
 3. Depth of the <node> is <result>
 4. Ancestors of < node> = { < ancestor1, ancestor 2,...>}
 5. The level of the <node> is <result>
-