SANJIVANI COLLEGE OF ENGINEERING, KOPARGAON

(An Autonomous Institute Affiliated to SPPU, Pune) DEPARTMENT OF COMPUTER ENGINEERING

Topic

Unit No.

Counting Number of Node

int count_Node (Node *P)

in) n=0;

IF (P== NULL)

return 0;

else

n=17 (ound_Node (p=)1eft)

+ cout_Node (P>Right).

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DEPARTMENT OF COMPUTER ENGINEERING

Topic

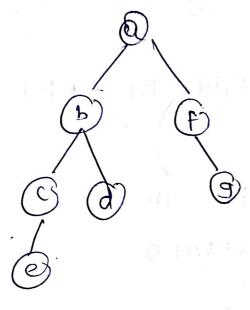
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Unit No.

7

Topic





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DEPARTMENT OF COMPUTER ENGINEERING

Topic Unit No. Check if two Binary Trees are Identical ent check (BT * PI, BT * P2) if (P1 == NULL 44 P2 == NULL) return 1. If (PI] = NULL && P2 } = NULL) 5 if (P) -> data == P2 -> data & & check (PI -> Left, P2 -> Left) f d C+ check (P1→right, P2→right) setum 1. et return U;

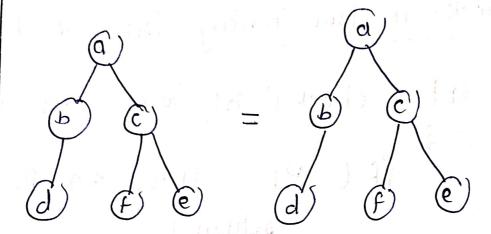
Prepared by:

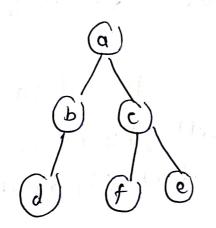
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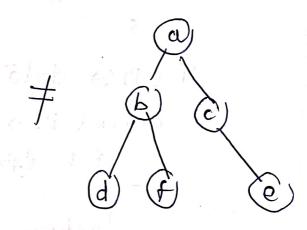
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Topic

Unit No.







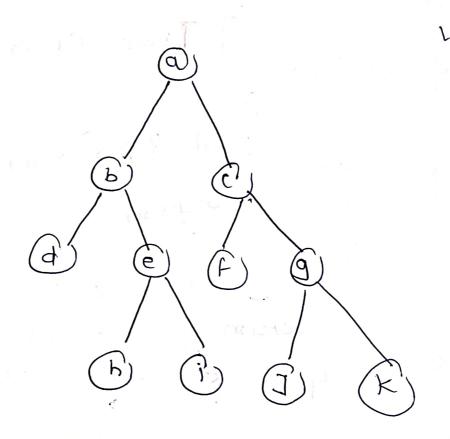
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DEPARTMENT OF COMPUTER ENGINEERING

Topic

Unit No.

Print All Ancestors of a node in BT



int Traverse (BT *P, BT * Target)

if (P[=NULL)

{

if (P > data == Larget > data)

{

return 1;

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Topic

Unit No.

If (Traverse(P-) left, larger) 11 Fraverse (P-) right Targer) point (P) data)

setum o-

if (check-left ! Check right)

Print the node of return)

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PON

Sanjivani Rural Education Society's

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Topic

Unit No.

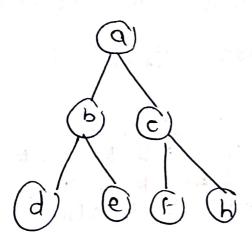
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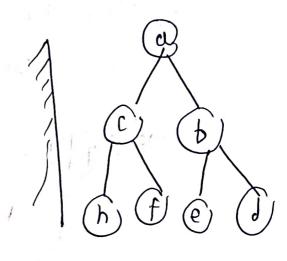
The Tree

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Binary

Tree





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Page No.

SANJIVANI COLLEGE OF ENGINEERING, KOPARGAON

(An Autonomous Institute Affiliated to SPPU, Pune) DEPARTMENT OF COMPUTER ENGINEERING

Unit No. **Topic** int Isminor (Node * RI, Node * RI if (RI == NULL & Re == NULL)

Solution Toue: 111 if (Ry = NULL 1200 R2 = = NULL)

Yelism 0 11 False 11 (R1 = = NULL) if (RI >dala = = R2 > data) If (Isminor (. 81-> left _ 82-> 819m) f & Isminor (n -> ngre 25 > left)) return Tone: 111 3 deturn 0/1 halse. Prepared by:

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DEPARTMENT OF COMPUTER ENGINEERING

Topic

Unit No.

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Topic Unit No. 123 123 123 121 125

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