**NOTRE DAME UNIVERSITY BANGLADESH**



Data Structure Report

Task- 08

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Subject: Data Structure

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Batch: CSE-19

**Post Order:**

#include<stdio.h>

int n=15;

char T[]={'\0','D','B','F','A','C','E','G','\0','\0','\0','\0','\0','\0','H'};

int lc(int i)

{ if (T[i]!='\0' && (2\*i)<=n)

return (2\*i);

return -1;}

int rc(int i)

{ if (T[i]!='\0' && ((2\*i)+1)<=n)

return (2\*i)+1;

return -1;}

void postorder (int i)

{

if (i>0 && T[i]!='\0')

{postorder(lc(i));

postorder(rc(i));

printf("%c", T[i]);}}

int main()

{ int a ;

printf("please enter the root index :\n");

scanf("%d",&a);

postorder(a);

return 0;}