ADA- Lab - Jest 1 Mohammed Amen Jaiyah Write a program to obtain the Tropological 1BH 19C 5089 ordering of vertices in a given digraph Code # include (stdio.h) # include (conio.h) int a [10][10], n, indegree [10]; void find _ indegree () dint j, i, sum; for (s=0; j < n; j++) for (i=0; i (n, i++) hum += a[i][j]; in degree [j] = 8m void topology () int i, u, v, + [10], S[10], 100 = -1, 1c=0 find - in degree (); for (i=0; i(n; i++) il (indegreo [i] = = 0) SE+++0== i;

1B416(2014 ndhile (16/2! = -1) 1 u=s [+op --]; + [K++] = u; + [V++] = u; + [V++] = u;if (a [u][v] ==) indegree [N] -- ; il (indegree [v] = = 0 s[+++==== v; print f [" The topological Sequence i's: \n"];

for (i=0; icn; i++) print f (" /.d", t [i]; roid main ()

alesar (M) I ver tices"); (ce fater no.

int i,ji

scant ("'Y. d & h);

for (i = D; j (n', i++))

for (j = D; j (n', j++))

for (j = O; j (n', j++))

guth ();

guth ();