6 5 21	(10014 206158)
	WRITEUP-LAB4 (18M19CS158)
#	DFS using Time Complexity: - 1 (1) proces
	# include 2 Stato.n
	word of s (int n, int cost [10] [10], int u, int s[])
	E
	int V; of a count maintain
	S[u]=1; . ()d-ab . has
	Jox (v=0; v(n; N++) +++++ ++++ (3/00/) -+0
	9.5. City Operan Kadas 2") Harry
	ij (/cost [u][v] == 1) 2 (s[v] == 0)
	dfs (n, cost, v, s);
	3 Labor Milayone 31-4" Morey
	Just the last the same of the
:(42.	not main ())
	[[] [] I have taken by School on Sort: 1/173.
	int n, i, j, cost [10] [10], s [10], coin, flag; fried; clock t start, end;
	doublet;
-	print ("Enter the number of nodes \n"); scanf ("%d", ln);
	scan ("%d', ln);
	print ("Enter the adjacency matrix \n"); for (1=0; i(n; L++)
	$\begin{cases} on (\lambda = 0; i(n; \lambda + 1)) \\ 0 \end{cases}$
	Scanf ("% d", R cost [i] [j]);
]
	Lon -0: (4)
	Jon (j=0; j(n;j++)
	E many and a second sec
	for (i=0; i(n; i++) S[i]=0;
	· 2117=03

#>	Tower of Hanoi using time complexity:
	#include (time.h)
	# include (stdiv.h)
	int TOH (int, chan, chan, char);
	1 tot o /)
	1 th main ()
	int n;
	clock-tt;
	t = clock();
	print / Infoton and)
	scan (" lod", 20)
	int c= TOH / a lar 1 and a digreed of theman
379	print (" (n"): ()
	print[(" In"); /) at anoma too at agree of in linear of moves = 2, 1) not
	t = clock () +
	double time-taken=((double)+)/(1)
	print ("ALGO took ? of seconds to execute \n",
	time-taken).
	return o(.): "al 1 % : 230 pl next smit al 1 harried
	V Sand of Vicent
	For touch int of the char second)
	got
	int count;
	£ (1,70)
	Count=TOH(n)
	Count=TOH(n-1, first, second third): print (Move disk /d from peg /c to peg /c) n 4 Count++.
	D. first third). Peg 1/2 to be
	count++.
	Jeturn count; second third first);
	I work thind line !!
	1