## TOWER OF HANOI OUTPUT:-

```
Enter number of plates:>>>> 3

Move disk 1 from peg A to peg C

Move disk 2 from peg A to peg B

Move disk 1 from peg C to peg B

Move disk 3 from peg A to peg C

Move disk 1 from peg B to peg C

Move disk 2 from peg B to peg C

Move disk 1 from peg A to peg C

Total number of moves = 7

ALGO took 0.000167 seconds to execute

Process Finished.
>>>>
```

	Α	В	С	D	Е	F	G	Н
1	TOWER OF	HANOI						
2	N INPUT	TIME(S)	MOVES					
3	1	0.000163	1					
4	2	0.000153	3					
5	3	0.000181	7					
6	5	0.000354	31					
7	6	0.00036	63					
8	8	0.001012	255					
9	11	0.005566	2047					
10	12	0.011179	4095					
11	13	0.01973	8191					
12								
13								
14	0.025 -						_	
15								
16								
17	0.02					/	_	
18						/		
19 20	0.015					_/_	-	
21							C	1
22	0.01						56	eries1
23								
24								
25	0.005						_	
26								
27	0 +	_	1		-	ı	٦	
28		1 2	3 5	6	8 11	12 13		
29								

## DFS GRAPH:-

```
enter the number of vertices

>>>>3

enter the adjacency matrix of the graph>>>0
>>>1
>>>1
>>>1
>>>1
>>>0
>>>1
>>>0
1
2
ALGO took 0.000629 seconds to execute

Process Finished with exit code 41.
>>>>
```

