

**Lab 6**

Algorithm: Generate all the possible paths starting from each node and check if they form a Hamiltonian cycle. The algorithm uses backtracking.

Statistics:

For 100 graphs, obtained:

Run	Time	Mode
1	2 ms	One thread
50	115 ms	One thread
99	886 ms	One thread
1	4 ms	4 threads
50	63 ms	4 threads
99	463 ms	4 threads