Eulerian Graphs

As we can see, the algorithm visits a node and all its edges only once. Hence the time complexity of this algorithm is O(E). Also, please find the steps for executing the program below.

Steps to Execute	
Step 1: Unzip the folder, go to the directory where sou	rce code is stored
Step 2: execute javac *.java	
Step 3:execute following commands for demonstration	n of graph logic on different inputs
>java EulerianGraphs eulerian.txt	
Graph is Eulerian	
Statistics for Step Eulerian Test Function :	
Time: 14 msec.	
Memory: 3 MB / 192 MB.	
>java EulerianGraphs nonConnected.txt	
Graph is not connected	
Statistics for Step Eulerian Test Function :	
Time: 14 msec.	
Memory: 3 MB / 192 MB.	
>java EulerianGraphs semi-eulerian.txt	
Eulerian Path found between 2 and 3	
Statistics for Step Eulerian Test Function :	
Time: 14 msec.	
Memory: 3 MB / 192 MB.	

>java EulerianGraphs oddNums.txt
Graph is not Eulerian. It has 4 vertices of odd degree.
Statistics for Step Eulerian Test Function : Time: 12 msec.
Memory: 3 MB / 192 MB.
