COMP 2611 – Data Structures
2023/2024 Semester 1
Assignment 2
Sample Output

Command	Output
10 Graph.txt	Graph file opened successfully.
11 D	D is a vertex in the graph.
11 H	H is not a vertex in the graph.
12 A	The number of edges leaving A is 2.
12 B	The number of edges leaving B is 0.
13 D	Vertex / vertices adjacent to D: B E F G.
14 E G	There is an edge between E and G.
14 F D	There is no edge between F and D.
14 G E	There is no edge between G and E.
15 E	Vertex / vertices with an edge into E: C D F.
20 G E	Edge between G and E successfully inserted.
14 G E	There is an edge between G and E.
21 D F	Edge between D and F successfully deleted.
13 D	Vertex / vertices adjacent to D: B E G.
30	7 A B C D E F G A 2 D G B 0 C 2 E G D 3 B E G E 1 G F 3 B C E G 1 E
99	End of Program.