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CS 241 – 01

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Project 3

**Sample Input/Output**

Part 2:

Vertex to delete: N

Vertex to add: Z

Edge to add: A 4 Z

Edge to add: B 3 Z

Part 3:

A 2 B, A 4 Z,

B 3 C, B 1 F, B 3 Z,

C 2 D, C 2 G,

E 3 A, E 2 F,

F 1 L,

G 2 F, G 3 H,

K 1 E, K 3 L,

L 1 M,

Part 4:

B, C, D, F, G, H, L, M, Z,

Part 5:

Paths from A:

To B: length 2

To C: length 5

To D: length 7

To E: no path

To F: length 3

To G: length 7

To H: length 10

To K: no path

To L: length 4

To M: length 5

To Z: length 4