

# PW2

**The minimum length paths and their lengths from 1 to 100 and from 100 to 1 in graph1k, graph10k, graph100k as they are determined by your program.**

Lowest length path from vertex 1 to vertex 100: [1, 5, 487, 175, 699, 624, 100] and has length 6

Lowest length path from vertex 100 to vertex 1: [100, 416, 354, 865, 109, 1] and has length 5

Lowest length path from vertex 1 to vertex 100: [1, 7317, 4118, 2404, 690, 1494, 739, 4722, 100] and has length 8

Lowest length path from vertex 100 to vertex 1: [100, 5568, 2781, 1451, 4997, 528, 4260, 1] and has length 7

Lowest length path from vertex 1 to vertex 100: [1, 17024, 27471, 14969, 3075, 4156, 32753, 14973, 100] and has length 8

Lowest length path from vertex 100 to vertex 1: [100, 44340, 54527, 6606, 53263, 95930, 98655, 58288, 1] and has length 8

## **Class examples:**

1 - 2881

Lowest length path from vertex 1 to vertex 2881: [1, 7317, 460, 6010, 386, 2881] and has length 5

385 - 7899

Lowest length path from vertex 385 to vertex 7899: [385, 9276, 7209, 6109, 2977, 1103, 7899] and has length 6

5 - 8

Lowest length path from vertex 5 to vertex 8: [5, 2550, 4896, 896, 262, 9952, 1804, 6525, 8] and has length 8

1 - 9999

Lowest length path from vertex 1 to vertex 9999: [1, 7317, 4118, 2404, 8960, 4109, 770, 9999] and has length 7

9 - 4

Lowest length path from vertex 9 to vertex 4: [9, 5594, 3560, 541, 3749, 7432, 3045, 1403, 4] and has length 8