

$$A[0 \dots 10][2 \dots 5][1 \dots 7]$$

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$$L_1 N_1 N_2 + L_2 N_2 + L_3$$

$$A[2][2][2]$$

$$(i - LB_1)(UB_1 - LB_1 + 1)(UB_2 - LB_2 + 1) + (j - LB_2)(UB_2 - LB_2 + 1)$$

$$+ (z - LB_3) = \frac{1 \times 9 \times 9}{108} + \frac{0 \times 9}{9} + 0 = 138$$

$$LOC(A[2][2][2]) = 1200 + 8 \times 138 = 1702$$

$$A[0 \dots 4][0 \dots 0][0 \dots 9][0 \dots 2]$$

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$$A[1][0][2][0]$$

$$L_1 N_1 N_2 N_3 + L_2 N_2 N_3 + L_3 N_3 + L_4 = \frac{1 \times 9 \times 100}{900} + \frac{0 \times 100}{100} + \frac{1 \times 10}{10} + 2 = 282$$

$$LOC = 1000 + 8 \times 282 = 2256$$