Darah Via Moscoso Shaina Marie Talisay BS in Computer Science I

initialize M1 as a 2x2 matrix with values -1, 4, -1, 11 initialize M2 as a 2x2 matrix with values 1, 0, 0, 1 initialize RM as a 2x2 matrix set to 0

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for i = 0 to 1: for j = 0 to 1: set \ RM[i][j] \ to \ 0 for \ k = 0 to 1: add \ M1[i][k] \ multiplied \ by \ M2[k][j] \ to \ RM[i][j]
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print the elements of RM in row-major order