

Practice

1. Create a vector 'vec1' and 'vec2' with elements 1 to 15 and 115 to 101.
 2. Create a vector 'vec3' of the sum of the log values of vec1 and vec2 in one argument and print the result.
 3. Print the 7th element in vec2.
 4. Create matrix 'mat1' by combining the vec1 and vec2 column wise.
 5. Change the dimensions of mat1 to 5 x 6 and print mat1.
 6. Generate a 5 x 5 matrix 'mat2' with elements 1:5 in the diagonal and other elements being 0.
 7. Add another column of elements 6:10 in mat2, making it 5 x 6 matrix.
 8. Print the values of 4th column of mat2.
 9. Find which elements in mat2 are greater than or equal to 5.
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1. Create the vectors:
 - a. (1, 2, 3, . . . , 19, 20)
 - b. (20, 19, . . . , 2, 1)
 - c. (1, 2, 3, . . . , 19, 20, 19, 18, . . . , 2, 1)
 - d. (4, 6, 3) and assign it to the name tmp.
 - e. (4, 6, 3, 4, 6, 3, . . . , 4, 6, 3) where there are 10 occurrences of 4.
 - f. (4, 6, 3, 4, 6, 3, . . . , 4, 6, 3, 4) where there are 11 occurrences of 4, 10 occurrences of 6 and 10 occurrences of 3.
 - g. (4, 4, . . . , 4, 6, 6, . . . , 6, 3, 3, . . . , 3) where there are 10 occurrences of 4, 20 occurrences of 6 and 30 occurrences of 3.