

Python Programming –Final Term Exam

ESS 112 - Programming I

International Institute of Information Technology – Bangalore

Problem 2

Marks: 6

Problem Description:

Write a function `is_permutation(a b)` that determines if two lists are permutations of one another. This means that they contain the same elements but not necessarily in the same order. The function would return true if the first list contains 5 1 0 2 and the second list contains 0 5 2 1. The function would return false if one list contains elements the other does not or if the number of elements differ. The function does not affect the contents of either list.

Input format:

First line of input will contain element in the first list separated by space.

Second line of input will contain element in the second list separated by space.

There are no duplicate in each list and size of the list is same.

Output format:

Single line of output with True or False

Sample Input:

5 1 0 2

0 5 2 1

Sample output:

True