

# M03S03 [Recursive Functions and Pointers]: Exercise 06

CS110: Computing Lab  
Department of CSE, IIT Guwahati  
Jan-May 2018

## Problem Description

An array B is said to be a subset of array A, if all the elements of B are part of array A.

Given two arrays: A[0..m-1] and B[0..n-1]. Write a program to find whether array B is a subset of A or not. Array accessing operations should be done with pointers.

Your program must take the number of elements of each array (A and B) and elements of each array from user during runtime.

Example 1:

Number of Elements in A: 6

Number of Elements in B: 4

Elements of A: 11 1 13 21 3 7

Elements of A: 11 3 7 1

Expected Output: Yes.

Example 2:

Number of Elements in A: 5

Number of Elements in B: 3

Elements in A: 10 5 2 23 19

Elements in A: 19 5 3

Expected Output: No.