UNITED INTERNATIONAL UNIVERSITY
DSA1 LAB MID EXAMINATION
Time : 50 mins
Section : A

Create 2 separate CPP files for solving each problem.

Q1.Given an array of n integers and given a number K, determines whether there is a pair of elements in the array that multiplies to exactly K. [10]
Input : A[] = [-5, 1, -40, 20, 3, 8, 5], K=15

Output: true (3, 5 multiplies 15)

Input : A[] = [-5, 4, -2, 16, 8, 9], K=15

Output: false (There is no pair of elements whose sum is equal to 15)

1. Write a function to add every element in the second linked list at the tail of the first linked list. The linked lists have n and m length respectively. [10]

The first line of the input will contain n (number of elements in the linked list) and the next line will contain n integers which are the elements of the first linked list. The third line will contain as integer m and the last line will contain m integers which are the elements of the second linked list.

SAMPLE INPUT	**SAMPLE OUTPUT**
6 20 21 22 23 24 25 3 6 7 5	20 21 22 23 24 25 6 7 5
4 13 15 2 5 4 9 5 2 1	13 15 2 5 9 5 2 1