









### **Problem: LAB.04.04 - Gold Mining**

## Description

The Kingdom ALPHA has n warehouses of golds located on a straight line and are numbered 1, 2,..., n. The warehouse i has amount of a (aiai is non-negative integer) and is located at coordinate i (i=1,...,n). The King of ALPHA opens a competition for hunters who are responsible to find a subset of gold warehouses having largest total amount of golds with respect to the condition that the distance between two selected warehouses must be greater than or equal to L1 and less than or equal to L2.

#### Input

- Line 1 contains n, L1, and L2 (1≤n≤1000000,1≤L1≤L2≤n)
- Line 2 contains n integers a<sub>1</sub>,a<sub>2</sub>,...,a<sub>n</sub>

### Output

Contains only one single integer denoting the total amount of golds of selected warehouses.

#### Example

#### Input

623

359674

#### Output

19

# Sample TestCase

C 17

1 Write your Source code here

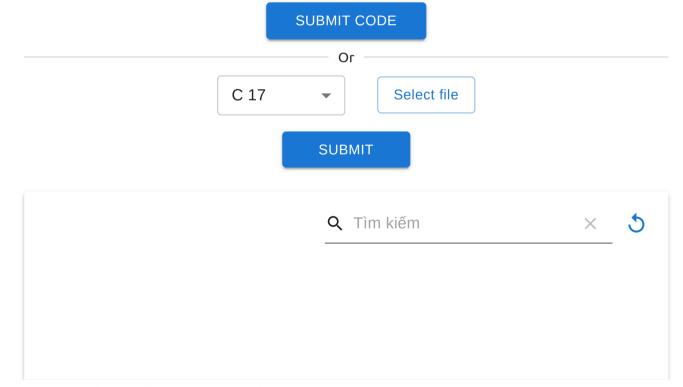
Source code

int main()

1 //C
2 #include <stdio.h>

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17



ID	Bài tập	Trạng thái	Message	Điểm	Ngôn ngữ	
<u>f49dbb</u>	GOLD	Partial	•	100	CPP17	
dc8da4	GOLD	Accept	•	120	CPP17	
<u>7c37a9</u>	GOLD	Partial	•	100	CPP17	
<u>33f3c4</u>	GOLD	Partial	•	100	CPP17	
<u>094d95</u>	GOLD	Partial	•	60	CPP17	
			5 hàng	<b>▼</b>  <	< 1-5 của 9 >	>1