

1. There is a series of **n** drones. The drones are separated into two disjoint sets: A and B. Set A series of drones are built by DroneX company while Set B series of drones are built by DroneY company. The drones had been set off for scheduled patrolling and disarmament in a series of locations for military purposes. Recently, a botnet virus has been found in the firmware of DroneY software which has corrupted the Set B drones. The director has requested for a detailed report into the losses that had to be incurred due to the malfunction. Your senior has come up with a formula for calculating the loss value which is given by the equation below:

$$Loss = -(\sum_A No. of hits \times Energy Consumed - \sum_B No. of hits \times Energy Consumed)$$

Number of hits is defined as the number of targets covered by a drone from a given series of locations.

You are tasked with the computation of the loss. A flight log of locations are provided to you where drones A and drones B visited along with the amount of energy consumed respectively. Write a Python Program to compute the same.

Sample Input

Targets -> 1, 5, 3

A: Locations -> 3, 1 Energy -> 23, 35

B: Locations -> 5, 7 Energy -> 13, 33

Sample Output

-70

2. Write a Python program to print a Palindromic Triangle using a single For Loop only.

Output:

1

121

12321

1234321