Given two integer arrays startTime and endTime and given an integer queryTime.

The ith student started doing their homework at the time startTime[i] and finished it at time endTime[i].

Return *the number of students* doing their homework at time queryTime. More formally, return the number of students where queryTime lays in the interval [startTime[i], endTime[i]] inclusive.

**Example 1:**

**Input:** startTime = [1,2,3], endTime = [3,2,7], queryTime = 4

**Output:** 1

**Explanation:** We have 3 students where:

The first student started doing homework at time 1 and finished at time 3 and wasn't doing anything at time 4.

The second student started doing homework at time 2 and finished at time 2 and also wasn't doing anything at time 4.

The third student started doing homework at time 3 and finished at time 7 and was the only student doing homework at time 4.

**Example 2:**

**Input:** startTime = [4], endTime = [4], queryTime = 4

**Output:** 1

**Explanation:** The only student was doing their homework at the queryTime.

**Example 3:**

**Input:** startTime = [4], endTime = [4], queryTime = 5

**Output:** 0

**Example 4:**

**Input:** startTime = [1,1,1,1], endTime = [1,3,2,4], queryTime = 7

**Output:** 0

**Example 5:**

**Input:** startTime = [9,8,7,6,5,4,3,2,1], endTime = [10,10,10,10,10,10,10,10,10], queryTime = 5

**Output:** 5

**Constraints:**

* startTime.length == endTime.length
* 1 <= startTime.length <= 100
* 1 <= startTime[i] <= endTime[i] <= 1000
* 1 <= queryTime <= 1000