**Street Lights**

One of the streets in your city has a total of L street lights. Each light i covers the street from Xi to Yi distance. Find the length of street covered with light.

**Input Specification:**

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| **input1:** L, denoting the number of street lights. **input2:** An array of L \* 2 elements. For each row i , (Xi, Yi) denote that the street light i  covers the distance from Xi to Yi. |

**Output Specification:**

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| Your function should return the length of the street covered with light. |

**Example 1:**

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| **input1:** 1,  **input2:** {{5,10}} |

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| **Output:** 5 |

**Explanation:**

Street Light 1: 10 - 5 = 5 units covered.

**Example 2:**

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| **input1:** 2  **input2:** {{5,10},{8,12}} |

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| **Output:** 7 |

**Explanation:**

Street Light 1: 10 - 5 = 5 units covered.  
Street Light 2: 12 - 8 = 4 units covered.  
Common region = 10 - 8 = 2 units.

Total = 5 + 4 - 2 = 7.