# Car

[문제 설명]

김제로는 자동차 딜러가 되었습니다. 김제로는 A개의 자동차를 매물로 가지고 있고, 각 자동차 P는 성능 와 가격 를 가지고 있습니다.

또한 김제로에게는 B명의 고객이 자동차 구매요청을 했고, 각 고객 Q는 성능 이상의 자동차와 이하의 가격을 가진 자동차를 구매하겠다고 했습니다.

각 고객은 최대 1대의 자동차를 구매할 수 있고, 각각의 자동차들은 한 명의 고객에게만 인도될 수 있습니다. 여기서 김제로가 자동차를 고객에게 가능한 한 최대로 판매한다면, 몇 대의 자동차를 판매할 수 있는지 알고 싶습니다.

자동차의 성능 및 가격 리스트와 고객이 원하는 자동차의 성능 및 가격 리스트가 주어졌을 때, 김제로가 최대로 판매할 수 있는 자동차의 대수를 구해주세요.

[제한 사항]

- 자동차 리스트와 고객 리스트의 길이는 1 이상 1000이하입니다.

- 자동차 리스트의 성능과 가격 값은 1 이상 1,000,000,000 이하입니다.

- 고객 리스트의 성능과 가격 값은 1 이상 1,000,000,000 이하입니다.

[입력 형식]

- "cars" 배열과 "clients" 배열이 주어집니다.

[출력 형식]

- 김제로가 최대로 판매할 수 있는 자동차의 수를 정수로 반환해주세요.

제한 시간: 40분

문제 유형: 구현

난이도: 상

매개변수

|  |  |
| --- | --- |
| cars | clients |
| Array / list | Array / list |

리턴타입

|  |
| --- |
| 리턴타입 |
| int |

초기코드 Python

def solution(cars, clients):

  '''

:param cars: list

  :param clients: list

  :return: int

  '''

  answer = 0

  return answer

초기코드JavaScript

/\*\*

 \* @param cars {array}

 \* @param clients {array}

 \* @return int

 \*/

function solution(cars, clients) {

    return 0

}

테스트 케이스

예제용

|  |  |
| --- | --- |
| 입력값 cars | 입력값 clients |
| [[10, 100], [2, 200], [30, 300]] | [[5, 110], [9, 500], [20, 400]] |

|  |
| --- |
| 출력값 |
| 2 |

채점용

|  |  |  |
| --- | --- | --- |
| 입력값 cars | 입력값 clients | 출력값 |
| [[80, 300], [10, 200], [60, 300]] | **[[50, 200], [40, 600], [70, 700]]** | **2** |

|  |  |  |
| --- | --- | --- |
| 입력값 cars | 입력값 clients | 출력값 |
| [[80, 300]] | **[[50, 200]]** | **0** |

|  |  |  |
| --- | --- | --- |
| 입력값 cars | 입력값 clients | 출력값 |
| [[57429401, 11636835], [972146491, 909613029], [98018323, 381076547], [342860402, 726676152], [518102925, 615724245], [529382271, 678430044], [89425956, 481514718], [98466578, 314832665], [646866019, 352900871], [594534125, 722111199], [228414838, 807855993], [849951526, 838910244], [847846031, 121831690], [97931804, 999577518], [530879755, 61803242], [590052152, 59991199], [474089762, 791385897], [953165110, 586172600], [376792123, 757880787], [125699749, 153536147], [738766595, 817665811], [898683119, 663806587], [930793189, 108579648], [900311866, 90308994], [457512236, 752659876], [238989610, 78128683], [425901411, 882465517], [957667015, 758321823], [157415729, 87347586], [551179784, 91093802], [250426730, 624171938], [401870204, 926787932], [397973969, 945279318], [872736893, 254138789], [974628690, 635535692], [808933665, 376043977], [404005650, 760403775], [89658216, 517185989], [834455152, 405861083], [599581998, 757078570], [455504919, 267065523], [973190615, 354605957], 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| 입력값 cars | 입력값 clients | 출력값 |
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