**Polynomial Addition:-**

Given two polynomial numbers represented by a linked list. The task is to complete the  function **addPolynomial()** that adds these lists meaning adds the coefficients who have same variable powers.

**Input:**  
The first line of input contains an integer T denoting the number of test cases. Then in the next line is an integer N denoting the number of terms of first polynomial. In the next line are N space separated pairs x and y where x denotes the coefficient and y denotes the power. Similarly In the next line is an integer M denoting the no of terms of the second polynomial and in the line following it are N space separated pairs for second polynomial.

**Output:**  
For each test case return the required polynomial in decreasing order of the power in the form of a linked list.

**User Task:**  
The task is to complete the function **addPolynomial**() which should add the polynomial with same powers.  
**Note**: Try to solve the question without using any extra space.

**Expected Time Complexity:** O(N+M)  
**Expected Auxiliary Space:** O(1)

**Constraints:**  
1 <= T <= 100  
1 <= N, M <= 105  
1 <= x, y <= 106

**Example:  
Input:**  
2  
1  
1 2 {1 is coeff and 2 is pow}= 1x^2  
1  
1 3 =1x^3  
2  
1 3 2 2 =1x^3 + 2x^2  
2  
3 3 4 2 = 3x^3 + 4x^2  
**Output:**  
1x^3 + 1x^2   
4x^3 + 6x^2

**Explanation:  
Testcase 1:** Since, x2 and x3 both have different powers as 2 and 3. So, their coefficient can't be added up.

**Testcase 2:** Since, x3 has two different coefficients as 3 and 1. Adding them up will lead to 4x3. Also, x2 has two coefficients as 4 and 2. So, adding them up will give 6x2.