Problem Link:

<https://codeforces.com/problemset/problem/1353/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n, k;
* cin >> n >> k;
* **vector<int>** a(n), b(n);
* **for**(**int** i = 0; i < n; ++i)
* {
* cin >> a[i];
* }
* **for**(**int** i = 0; i < n; ++i)
* {
* cin >> b[i];
* }
* sort(a.begin(), a.end());
* sort(b.begin(), b.end(), greater**<int>**());
* **for**(**int** i = 0; i < k; ++i)
* {
* **if**(a[i] < b[i])
* {
* swap(a[i], b[i]);
* }
* **else**
* {
* **break**;
* }
* }
* **int** sum = 0;
* **for**(**int** i = 0; i < n; ++i)
* {
* sum += a[i];
* }
* cout << sum << **"\n"**;
* }
* **return** 0;
* }