1)

2 ) #include <iostream>

#include <string>

using namespace std;

void merge(int \*arr, int begin, int middle, int end) {

int max;

max = arr[0];

for (int i = 0 ; i < end ; i ++ ){

if (max<arr[i]){

max = arr[i];

}}

int leftSize = (middle - begin) + 2;

int rightSize = (end - middle) + 1;

int \*left = new int [leftSize];

int \*right = new int [rightSize];

for (int i=0; i < leftSize - 1; i++) {

left[i] = arr[begin + i];

}

for (int i=0; i < rightSize - 1; i++) {

right[i] = arr[middle + 1 + i];

}

left[leftSize - 1] = max+1;

right[rightSize - 1] = max+1;

int j = 0;

int k = 0;

for (int i=begin; i <= end; i++) {

if (left[j] < right[k]) {

arr[i] = left[j];

j++;

} else {

arr[i] = right[k];

k++;

}

}

delete [] left;

delete [] right;

}

void sort(int \*arr, int begin, int end) {

if (begin < end) {

int middle = (begin + end) / 2;

sort(arr, begin, middle);

sort(arr, middle + 1, end);

merge(arr, begin, middle, end);

}

}

int main()

{

int a[100] , s[100] , q[100];

int n , b ;

cin >> n ;

cin >> b ;

for(int i = 0 ; i < n ; i ++){

cin >> a[i];

}

for (int i = 0 ; i < n ; i++){

cin >> s[i];

}

for (int i = 0 ; i < b ; i++){

cin >> q[i];

}

sort(a, 0, n);

int sum[100];

for(int j = 0 ; j < b;j++){

for(int i = 0 ; i < q[j] ; i ++){

sum[j]+=a[i];

}

cout << sum[j] << endl;

}

return 0;

}

3)#include <iostream>

#include <string>

using namespace std;

int main()

{

int a[100] , n , b;

string asd[100];

cin >> n ;

cin >> b ;

for(int i = 0 ; i < n ; i++){

cin >> asd[i];

cin >> a[i];

}

for(int i = 0 ; i < n ;i++){

if(a[i]<a[i+1]){

swap(a[i],a[i+1]);

swap(asd[i],asd[i+1]);

}

}

for(int i = 0 ; i < b ;i++){

cout << asd[i] <<endl;}

return 0;

}

4)

