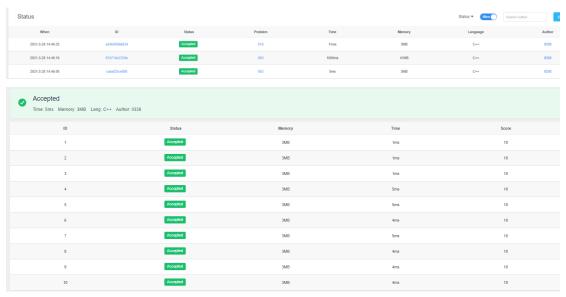
HW01

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002:

Pass 10/10, score 100



003

Passed



```
#include clostream>
using namespace std;
void merge(int*, int, int);
//Basicalty what I did was simply copy and paster my SORTI and change the range of my temporary list so I can save more number in it.

{

int mid;
if (low < high) {

//Divide it by two arrays, sort them seperately, and then merge them together
mid = (low + high) / 2;
merge_sort(arr, ind, mid);
merge_sort(arr, ind + 1, high);
merge_sort(arr, ind + 1, high);
merge_sort(arr, ind, int high, int mid)
}

// Merge sort

void merge(int* arr, int low, int high, int mid)
{

int i, j, k, c[5000000];
i = low;
k = low;
j = mid + 1;
// Divide one array into two, and sort them togther
while (i < mid & j < high) {

if (arri[j] < arr[j]) {

c[k] = arr[i];
k++;
i++;
i++;
}
else {
```

018:

PASS 10/10, score 100

