$_{b}ound(first, last, *first);$
§??
§??
§??
du-
pli-
cates
§??
$O(\log(m+$
$n))$
k
$O(m+$
$n)k$
km
$mkO(k)O(1)km+$
$nO(m+$
$n)$
kkk
$k/2k/2k/2kk$
$A\cup$
B
$A\cup$
Bk
$k/2$
$k/2$
k
$_{k}th(A.begin(), A.end(), B.begin(), B.end(), total/2+$
$1); elsereturn(find_{k}th(A.begin(), A.end(), B.begin(), B.end(), total/2)+$
$find_{k}th(A.begin(), A.end(), B.begin(), B.end(), total/2+$
$1))/2.0;$
$_{i}teratorIter;$
$_{k}th(IterbeginA, IterendA, IterbeginB, IterendB, intk)//alwaysassumethatmisequalorsmallerthannconstintm = dista$
$_{k}th(beginA+$
$ia, endA, beginB, endB, k-$
$ia); elseif(*(beginA+$
$ia-$
$1) >$
$*(beginB+$
$ib-$
$1))returnfind_{k}th(beginA, endA, beginB+$
$ib, endB, k-$
$ib); elsereturn*$
$(beginA+$
$ia-$
$1);;$
$O(n)$
$O(n\log n)O(n)$
$O(n)$
$_{m}ap <$
$int, bool >$
$used$
$_{m}ap <$
$int, bool >$
$used;$
$_{m}ap <$
$int, int >$
$map.http://discuss.lintcode.com/questions/1070/longest-consecutive-sequence$
$_{m}ap <$
$int, int >$
$map; intsize =$
$num.size(); intl =$
$1; for(inti =$
$0; i <$
$size; i+$
$+)if(map.find(num[i])! = map.end())continue; map[num[i]] = 1; if(map.find(num[i] - 1)! = map.end())l = max(l, me$
$0?0 :$
$l;$
$_{m}ap <$
$int, int >$
$map, intleft, intright)intupper = right + map[right] - 1; intlower = left - map[left] + 1; intlength = upper - lower +$
$\{$
$\}$
$O(n^2)$
$O(n)$
$O(n\log n)O(n)O(n\log n)$
$_{m}ap <$
$int, int >$
$mapping; vector <$
$int >$
$result; for(inti =$
$0; i <$
$num.size(); i+$
$+)mapping[num[i]] = i; for(inti =$
$0; i <$
$num.size(); i+$