最大正字序列和

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| #include <bits/stdc++.h>  using namespace std;  #define LL long long  const LL MAXN=5e4+10;  const LL INF=99999999;  struct Node  {  LL rk,val;  }node[MAXN];  LL a[MAXN];  //快排  LL quickSort(Node a[],LL low,LL high)  {  //low=0,high=len-1;  Node privot=a[low];  while(low<high)  {  while(low<high&&a[high].val>=privot.val)high--;  a[low]=a[high];  while(low<high&&a[low].val<=privot.val)low++;  a[high]=a[low];  }  a[low]=privot;  return low;  }  //递归快排  LL QSort(Node a[],LL low,LL high)  {  if(low<high)  {  LL tmp=quickSort(a,low,high);  QSort(a,low,tmp);  QSort(a,tmp+1,high);  }  }  void getMin(LL a[],LL len)  {  Node b[len];  LL sum=0;  for(LL i=0;i<len;i++)  {  sum+=a[i];  b[i].val=sum;  b[i].rk=i;  }  QSort(b,0,len-1);  LL minVal=b[0].val>0?b[0].val:INF;  for(LL i=1;i<len;i++)  {  if(b[i].val>0)  minVal=min(minVal,b[i].val);  if(b[i].rk>b[i-1].rk)  {  LL tmp=b[i].val-b[i-1].val;  if(tmp>0&&tmp<minVal)  {  minVal=tmp;  }    }  }  cout<<minVal;  }  int main()  {  LL n;  cin>>n;  for(LL i=0;i<n;i++)  cin>>a[i];  getMin(a,n);  return 0;  } |