

(3)

- C

(7)

- B:  $BA + (7 * 8 + 4) * 3$

(9)

- B

(15)

- C

2(4)

- THHTHTT

```
#include<bits/stdc++.h>
using namespace std;
const int maxn=1e5+5;
int n,m;
int A[maxn],B[maxn];
void Read(){
    scanf("%d%d",&n,&m);
    for(int i=0;i<n;i++)
        for(int j=0;j<m;j++)
            scanf("%d",&A[i*m+j]);
}
bool Sort(int* A,int n){
    if(n<=1)return 0;
    int mid=n>>1;
    if(Sort(A,mid)||Sort(A+mid,n-mid))return 1;
    int i=0,j=mid,k=0;
    while(i<mid&&j<n){
        if(A[i]<A[j])B[k++]=A[i++];
        else if(A[i]>A[j])B[k++]=A[j++];
        else return 1;
    }
    while(i<mid)B[k++]=A[i++];
    while(j<n)B[k++]=A[j++];
    for(int i=0;i<n;i++)A[i]=B[i];
    return 0;
}
```

```
}  
int main(){  
    Read();  
    cout<<Sort(A,n);  
    return 0;  
}
```