

Platform: InterviewBit

Language: C++

The following code is supposed to rotate the array A by B positions.

So, for example,

A : [1 2 3 4 5 6]

B : 1

The output :

[2 3 4 5 6 1]

However, there is a small bug in the problem. Fix the bug and submit the problem.

Before:

```
vector<int> Solution::rotateArray(vector<int> &A, int B) {  
    vector<int> ret;  
    for (int i = 0; i < A.size(); i++) {  
        ret.push_back(A[i + B]);  
    }  
    return ret;  
}
```

After :

```
vector<int> Solution::rotateArray(vector<int> &A, int B) {  
    vector<int> ret;  
    int n = A.size();  
  
    B = B % n;  
  
    for (int i = B; i < n; i++) {  
        ret.push_back(A[i]);  
    }  
    for (int i = 0; i < B; i++) {  
        ret.push_back(A[i]);  
    }  
  
    return ret;  
}
```