

APP Week-11 HackerRank

Q. Larry's Array

Code:

```
def larrysArray(A):  
  
    # Count the number of inversions in the array  
    inversions = 0  
    for i in range(len(A)):  
        for j in range(i+1, len(A)):  
            if A[i] > A[j]:  
                inversions += 1  
  
    # If the number of inversions is odd, the array cannot be sorted  
    if inversions % 2 == 1:  
        return "NO"  
  
    # If the number of inversions is even, the array can be sorted  
    return "YES"
```

Screenshot:

