**Debugging**

Old 7 questions

* **Count Occurrences**
  + Missing i++ at the end of while loop
  + while循环缺少i++造成死循环
* **Print Pattern**
  + Missing { } to wrap up the two lines of code in a for-loop, causing the second line to be excluded from the for-loop.
  + for-loop里一共两句话但是没有用大括号，所以第二句没有被包含进去
* **Insert Sort Descending Order**:
  + change ‘>’ (greater than) to ‘<‘ (less than)
  + insert sort descending order: <> 反了
* **Select Sort**
  + change arr[min] > arr[x] to arr[min] > arr[y]
  + arr[min]>arr[x] 改成 arr[y]
* **Reverse Array**
  + change arr[len - 1] to arr[len - i - 1]
  + remove len += 1 at the end of the loop
  + arr[len-1] 改成 arr[len-i-1], 循环结束前去掉 len+=1;
* **Manchester Arrayfrom aonecode.com**
  + change result=(a[i]==a[i-1]) to result=(a[i]!=a[i-1])
  + same for ret[0]from aonecode.com
  + 如果arr[i-1],arr相等为0，否则为1，要注意不但==要改成!=，ret[0]也要加一下，不然有一个case过不了。
* **Check Grades**
  + change both of || to &&
* **Replace Even/Odd Values**
  + i <= len and j <= len change into < 6
* **循环里要加上 i++， 否则死循环**

2021 New

* Calculate Sum
* Check Pair Sum Exists
* Remove Consecutive Vowels
* Reverse Alphabet Chars Only
* Compare Product
* Count Triplet Sum Permutations