Cs101

Junjun huang

**Q1:**

My encrypted string is not same as shown above because I use different encrypted matrix.

**Q2:**

A pair of characters falls in the same row or column in the matrix，we swap the characters in the input string to form an encoded pair of characters.

If the last character (the odd one) is process, we just copy down this character. The last encoded of character is the same.

**Q3:**

1. Get the row1 and column1 for 1st word which need to encrypted
2. Get the row2 and column2 for 2nd word which need to encrypted
3. Gave answer : the word is in row1 with column2 for 1st word
4. Gave answer : the word is in row2 with column1 for 2st word

**Q4:**

The encoded string is the same. Because two repeating character is the same, the encoded string is also the same after swapping the character in the input string.

**Q5:** when we use the encoded string as the original string, we can get the encode string is the same as the input original string in the first time. It looks like the action and inverse action relationship.