Quiz for Developer position

Time: 30 minutes

Programming Section
Select one question or both

1. Group words with same set of characters
Don't use any external library or plugin

Word:

VMRCO, VORCM, MCRTOX, ZXTAC, XZATC, XMTCOR, OXVS, AZTXC, VXOS, RZAT, MRCOTX, SVXO, TRAZ, ZTAR, MVOCR

Result:

1. VMRCO - VORCM - MVOCR
2. MCRTOX - XMTCOR - MRCOTX
3. ZXTAC - XZATC - AZTXC
4. OXVS - VXOS - SVXO
5. RZAT - TRAZ - ZTAR

2. A palindrome is a word that reads the same backward or forward. Write a function that checks if a given word is a palindrome. Character case should be ignored. (use JavaScript only)

```
function isPalindrome(word)
```

For example, isPalindrome("Deleveled") should return true as character case should be ignored, resulting in "deleveled", which is a palindrome since it reads the same backward and forward.

```
function isPalindrome(word)
{
  // Please write your code here.
}

var word = 'Deleveled'
console.log( word , isPalindrome(word) )
```

System Analysis and Design

Design database for reserving Soccer League ticket

- For special matches, price will be increased
- Special price for Season tickets