(1.) Input field on focus

```
<script>
function createProductCodeForm(parent) {
 var form = $("<form/>");
 var flag = false;
 form.append($("<label>").text('Product Code:'));
 form.append($("<input>").attr('name', 'productCode').attr('type', 'text')
   .focus(function(){
     if(!flag){
             form.append($("<label>").attr('name', 'hint')
               .text('The product code can be found on the label.'));
             flag = true;
    }
   }));

   // or like this:
    $(document).one("focus","[name=productCode]",function(){
             form.append($("<label>").attr('name', 'hint')
               .text('The product code can be found on the label.'));
   });
 form.append('<br>');
 form.append($("<input>").attr('type', 'submit'));
 parent.append(form);
}
</script>
```

(2.)

```
<!DOCTYPE html>
<html>
<head>
        <meta charset="utf-8">
        <title>Company page</title>
</head>
<body>
        <p>Welcome! Here you can find following things:</p>
        <ol>
                <li><em><a href="#logo">Company's logo</a></em></li>
                <li><a href="#employees">List of employees</a></li>
        </ol>
        <h1>Company's logo</h1>
        <p>Company uses following logos:</p>
        <ul>
                <li>New logo: <img src="new_logo.gif" alt="new_logo" /></li>
```

```html
            <li>Old logo: <img src="old_logo.gif" alt="old_logo" /></li>
        </ul>
        <h1>List of employees</h1>

        <table>
        <thead>
            <tr>
                <th>First name</th>
                <th>Last name</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>Mary</td>
                <td>Williams</td>
            </tr>
            <tr>
                <td>James</td>
                <td>Smith</td>
            </tr>
        </tbody>
        </table>
</body>
</html>
```

(3.)

Palindrome function - JS
```html
<script>

 function isPalindrome(text){
  var regExp =/[^A-Za-z0-9]/; // if contain replace any special character with ''
  var lowerText = text.toLowerCase().replace(regExp, '');

  var reverse = lowerText.split('').reverse().join('');
  if(lowerText == reverse){
   return true;
  }
 }

</script>
```

Palindrome function - PHP

```php
<?php

function isPalindrome($txt){
        $txtLow = strtolower($txt);

        if($txtLow == strrev($txtLow)){
                return true;
        }
}

?>
```

(4.) groupByOwners function - PHP

```php
<?php
 function groupByOwners($input){
    $output=[];
    forEach($input as $key=>$val){
       $output[$val][]=$key;
     }
    return $output;
   }
$input=array("Input.txt" => "Randy", "Code.py" => "Stan", "Output.txt" => "Randy");
?>
</body>
</html>
```