1. What do the following statements yield?
   1. 1 + 2 + 3; = 6
   2. ‘1’ + 2 + 3; = 123
   3. 1 + 2 + ‘3’; = 33
2. What is the purpose of the following construct?  
   (function() {  
    […]  
   })();
3. What is the difference between the following two snippets:
   1. (function() {  
       var foo = ‘bar’; })(); here foo is set to string bar
   2. (function() {  
       foo = bar; })(); here foo is set to function bar
4. What is the purpose of the following statement? How can it be rewritten in a more verbose form?

foo && foo.bar(); Purpose: to check if foo is true the call foo.bar()

More Verbose form:

if (foo)

{

foo.bar();

}

1. Write a function that, given a string of space-separated words, returns true if at least one of the words is a palindrome.

function palindrome(str)

{

var dataArray= str.split(" ");

for(var iData=0;iData< dataArray.length;iData++)

{

var len = str.length;

for ( var i = 0; i < Math.floor(len/2); i++ ) {

if (str[i] === str[len - 1 - i]) {

return true;

}

}

return false;

}

}