Javascript Assignment 9

1. Carefully observe this example.

    a) Is the InnerFunction() a closure?

    b) What is output of this program

```javascript
function OuterFunction()
{ var outerVariable = 100;
function InnerFunction() {
alert(outerVariable);
}
return InnerFunction;
}
var innerFunc = OuterFunction();
innerFunc();
```

2. What is the difference between a closure and a scope ?

3. What is a lexical scope and how is it related to closure?

4. Output of following closure ?

```javascript
for (var i = 0; i < 3; i++) {
 setTimeout(function log() {
   console.log(i); // What is logged?
 }, 1000);
}
```