Quiz #3 Exercise

(Problem 7 on pp. 253)

a) Assume the following JavaScript program was interpreted using static-scoping rules. What value of x is displayed in function sub1?

b) Under dynamic-scoping rules, what value of x is displayed in function sub1?

```
var x;
function sub1() {
    document.write("x = " + x + "");
}
function sub2() {
    var x;
    x = 10;
    sub1();
}
x = 5;
sub2();
```

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a)

ANS: static scoping : x = 5

b)

ANS: dynamic scoping: x = 10