Name: _____

Score: _____ / _____

Part 1

1.What will be the type of 'val', 'val1' and 'val2' variable in following code?

```
let val = (function(){
    var ret = function(){ return {attr: "true"} }
    return ret;
})();
let val1 = val();
let val2 = val1.attr;
```

1.Based on code given
   1.How many global variables we have?
   2.Are there any closures in the code?
   3.What will be the outputs of the code?
   4.How will you call function f1 from outside the module?

```
let module = (function(){
    x=10;
    let outer1="outer1";
    function f1(arg1, arg2){
        let func1 = function(){ return arg2;};
    }
    return outer1;
})();
alert(module);
alert(x);
```

1.Write output of the following code.

```javascript
function foo(x, y){
    return function(z){
        return x+y+z;
    };
}

function bar (f){
    return f(10);
}

var result = bar(foo(5,5));
alert(result);
```

1.What will the print out in console after following code is executed?

```javascript
(function(x,y){
  "use strict";
  console.log(this);
  console.log(x,y);
  const obj = {x:2, foo:function(){console.log(this.x)}};
  obj.foo();
  obj.bar = () =>console.log(this.x);
  obj.bar();
})(5,7);
```