

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;
```

2. Based on code given

- How many global variables we have?
- Are there any closures in the code?
- What will be the outputs of the code?
- 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);
```

3. Write output of the following code.

```
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);
```

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

```
(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);
```

## Prior assignment(s) review