正确写出执行顺序？

题1

```javascript
setTimeout(function() {
  console.log(a);
}, 0);

var a = 10;

console.log(b);
console.log(fn);

var b = 20;

function fn() {
  setTimeout(function() {
    console.log('setTImeout 10ms.');
  }, 10);
}

fn.toString = function() {
  return 30;
}

console.log(fn);

setTimeout(function() {
  console.log('setTimeout 20ms.');
}, 20);

fn();
```

题2

```javascript
var scope = "global scope";
function checkscope(){
  var scope = "local scope";
  function f(){
    return scope;
  }
  return f;
}

var foo = checkscope();
foo();
```

题3

```javascript
var data = [];

for (var i = 0; i < 3; i++) {
  data[i] = function () {
    console.log(i);
  };
}

data[0]();
data[1]();
data[2]();
```

如何改进以上代码，输出不一样的结果?

题4

```javascript
function say667() {
  var num = 666;
  var sayAlert = function() { console.log(num); }

  num++;

  return sayAlert;
}

var sayNumba = say667();
sayNumba();
```

题5

```
function setupSomeGlobals() {
  var num = 666;

  gAlertNumber = function() { console.log(num); }

  gIncreaseNumber = function() { num++; }

  gSetNumber = function(x) { num = x; }
}

setupSomeGlobals();
gAlertNumber();

gIncreaseNumber();
gAlertNumber();

gSetNumber(5);
gAlertNumber();
```

题6

```
function buildList(list) {
  var result = [];

  for (var i = 0; i < list.length; i++) {
    var item = 'item' + list[i];
    result.push( function() { console.log(item + ' ' + list[i])} );
  }

  return result;
}

var fnlist = buildList([1,2,3]);

for (var j = 0; j < fnlist.length; j++) {
  fnlist[j]();
}
```

题7

```
function sayAlice() {
  var sayAlert = function() { console.log(alice); }
```

```
    var alice = 'Hello Alice';

    return sayAlert;
}

var sayAlice2 = sayAlice();

sayAlice2();
```

题8

```
function newClosure(someNum, someRef) {
  var anArray = [1,2,3];
  var num = someNum;
  var ref = someRef;

  return function(x) {
    num += x;

    anArray.push(num);

    console.log('num: ' + num + "; " + 'anArray ' + anArray.toString() + "; " +
'ref.someVar ' + ref.someVar);
  }
}

closure1 = newClosure(40, {someVar: "closure 1"});
closure2 = newClosure(1000, {someVar: "closure 2"});

closure1(5);
closure2(-10);
```