

Please answer the following questions:

Choose which version you prefer

☐

```
shuffle(obj) {
  var set = isArrayLike(obj) ? obj : _values(obj);
  var length = set.length;
  var shuffled = Array(length);
  for (var index = 0, rand; index < length; index++) {
    rand = _random(0, index);
    if (rand !== index) shuffled[index] =
shuffled[rand];
    shuffled[rand] = set[index];
  }
  return shuffled;
}
```

☐

```
shuffle(obj) {
  var set = isArrayLike(obj) ? obj : _values(obj);
  var l = set.length;
  var shuffled = Array(l);
  for (var i = 0, r; i < l; i++) {
    r = _random(0, i);
    if (r !== i) shuffled[i] = shuffled[r];
    shuffled[r] = set[i];
  }
  return shuffled;
}
```

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```
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  var set = isArrayLike(obj) ? obj : _values(obj);
  var length = set.length;
  var shuffled = Array(length);
  for (var index = 0, rand; index < length; index++) {
    rand = _random(0, index);
    if (rand !== index) shuffled[index] =
shuffled[rand];
    shuffled[rand] = set[index];
  }
  return shuffled;
}
```

☐

```
shuffle(obj) {
  var o = isArrayLike(obj) ? obj : _values(obj);
  var l = o.length;
  var s = Array(l);
  for (var i = 0, r; i < l; i++) {
    r = _random(0, i);
    if (r !== i) s[i] = s[r];
    s[r] = o[i];
  }
  return s;
}
```

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```
shuffle(obj) {
  var set = isArrayLike(obj) ? obj : _values(obj);
  var l = set.length;
  var shuffled = Array(l);
  for (var i = 0, r; i < l; i++) {
    r = _random(0, i);
    if (r !== i) shuffled[i] = shuffled[r];
    shuffled[r] = set[i];
  }
  return shuffled;
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```
shuffle(obj) {
  var o = isArrayLike(obj) ? obj : _values(obj);
  var l = o.length;
  var s = Array(l);
  for (var i = 0, r; i < l; i++) {
    r = _random(0, i);
    if (r !== i) s[i] = s[r];
    s[r] = o[i];
  }
  return s;
}
```

Choose which version you prefer

```
var compare = function(first,second, firstStack,
secondStack) {
  if (first == null || second == null) return first ===
second;
  if (first !== first) return second !== second;
  return deepCompare (first, second, firstStack,
secondStack);
};

var deepCompare = function(first, second, firstStack,
secondStack) {
  var className = toString.call(first);
  if (className !== toString.call(second)) return false;

  var areArrays = className === '[object Array]';
  if (!areArrays) {
    if (typeof first !== 'object' || typeof second !==
'object') return false;
    var firstCtor = first.constructor, secondCtor =
second.constructor;
    if (firstCtor !== secondCtor &&
!(_isFunction(firstCtor) && firstCtor instanceof
firstCtor &&
      _isFunction(secondCtor) &&
secondCtor instanceof secondCtor)
      && ('constructor' in first &&
'constructor' in second)) {
      return false;
    }
  }
}
```

- ☐ firstStack = firstStack || [];
secondStack = secondStack || [];
var length = firstStack.length;
while (length--> 0) {
 if (firstStack[length] === first) return
secondStack[length] === second;
}
firstStack.push(first);
secondStack.push(second);
if (areArrays) {
 length = first.length;
 if (length !== second.length) return false;
 while (length--> 0) {
 if (!compare(first[length], second[length],
firstStack, secondStack)) return false;
 }
} else {
 var keys = _keys(first), key;
 length = keys.length;
 if (_keys(second).length !== length) return false;
 while (length--> 0) {
 key = keys[length];
 if (!(_has(second, key) && compare(first[key],
second[key], firstStack, secondStack))) return false;
 }
}
firstStack.pop();
secondStack.pop();
return true;
};

```
var compare = function(a,b, aStack, bStack) {
  if (a == null || b == null) return a === b;
  if (a !== a) return b !== b;
  return deepCompare (a, b, aStack, bStack);
};

var deepCompare = function(a, b, aStack, bStack) {
  var className = toString.call(a);
  if (className !== toString.call(b)) return false;

  var areArrays = className === '[object Array]';
  if (!areArrays) {
    if (typeof a !== 'object' || typeof b !== 'object') return
false;
    var aCtor = a.constructor, bCtor = b.constructor;
    if (aCtor !== bCtor && !(_isFunction(aCtor) &&
aCtor instanceof aCtor &&
      _isFunction(bCtor) && bCtor
instanceof bCtor)
      && ('constructor' in a && 'constructor'
in b)) {
      return false;
    }
  }
}
```

- aStack = aStack || [];
bStack = bStack || [];
var length = aStack.length;
while (length--> 0) {
 if (aStack[length] === a) return bStack[length] ===
b;
}
aStack.push(a);
bStack.push(b);
if (areArrays) {
 length = a.length;
 if (length !== b.length) return false;
 while (length--> 0) {
 if (!compare(a[length], b[length], aStack,
bStack)) return false;
 }
} else {
 var keys = _keys(a), key;
 length = keys.length;
 if (_keys(b).length !== length) return false;
 while (length--> 0) {
 key = keys[length];
 if (!(_has(b, key) && compare(a[key], b[key],
aStack, bStack))) return false;
 }
}
aStack.pop();
bStack.pop();
return true;
};