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# Lesson 1 - Asynchronous Behavior, Promises and Ajax in Angular

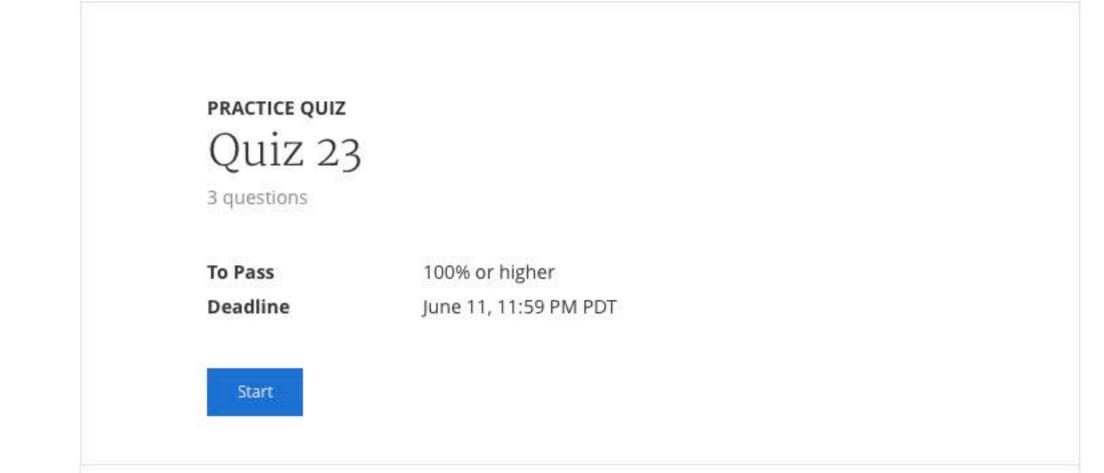
- Welcome to Module 3 1 min
- Recommended Books 10 min
  - Lecture 24, Part 1:
- Asynchronous Behavior 5 min with Promises and \$q
- Practice Quiz: 1 question Quiz 22
- Lecture 24, Part 2:

  Asynchronous Behavior 15 min with Promises and \$q
- Practice Quiz:

  Quiz 23

  3 questions
- Lecture 25, Part 1: Ajax with \$http Service 5 min
- Practice Quiz: 2 questions
  Quiz 24
- Lecture 25, Part 2: Ajax with \$http Service
- ENTER RAFFLE (ends
  April 23rd, 2017)

  10 min
- Practice Quiz: 2 questions Quiz 25





Quiz 23 Practice Quiz, 3 questions

3/3 points (100%)



# Congratulations! You passed!

Next Item



 Given the following snippet of code, what appears to be missing from this asyncFunction (if anything)?

1/1 points

(Hint: think of a usual approach)

```
1 * function asyncFunction (someVal) {
2    var deferred = $q.defer();
3
4 * if (someVal > 3) {
        deferred.resolve({val: (someVal + 3)});
6    }
7 * else {
        deferred.reject("Everything is wrong! Wrong, I tell you!");
9    }
10 }
```

- Nothing is missing
- the resolve() method must be called *unconditionally*, i.e., no matter what to get the promise to return.
- Right after line 9, we need to call:
  - 1 return deferred.promise;

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Correct. We should return a promise to the caller of this function.

Right after line 9, we need to call:

1 return deferred;



What method would one use in order to deal with multiple asynchronous functionality all at once?

1/1 points

Use the then() method



Use the \$q.all() method.

#### Correct

\$q.all() method takes an array of promises. You can call .then() directly on the return value of the \$q.all() method.

Use the catch() method.

Use the finally() method.

## Correct

\$q.all() method takes an array of promises. You can call .then() directly on the return value of the \$q.all() method.

- Use the catch() method.
- Use the finally() method.



True or false? Calling the reject() method cancels the promise.



True



False

### Correct

Correct. It doesn't cancel the promise. It marks it as an unsuccessful completion.





