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For Enterprise | Roberto ▾

Welcome and Important Resources

Development Environment Setup

Why AngularJS? Why Not Keep Things Simple?

▶ Lecture 1: Why NOT Keep Things Simple? — 6 min

★ **Practice Quiz:** Quiz 3 — 1 question

▶ Lecture 2, Part 1: Why Does Code Get Complex? — 5 min

▶ Lecture 2, Part 2: Why Does Code Get Complex? — 7 min

★ **Practice Quiz:** Quiz 4 — 2 questions

▶ Lecture 3: Model-View-ViewModel (MVVM) — 9 min

★ **Practice Quiz:** Quiz 5 — 3 questions

AngularJS Installation & Basics

PRACTICE QUIZ

Quiz 4

2 questions

To Pass   100% or higher

[Start]

👍 👎 🏳

← **Quiz 4**
Practice Quiz, 2 questions

1 point

1. Match the following description to the correct term:

"If you change how Component A is implementing a certain API, you will have to change how Component B uses that API."

- ○ Example of High Cohesion

- ○ Example of lack of High Cohesion

- ○ Example of Tight Coupling (lack of Loose Coupling)

- ○ Example of Loose Coupling

1 point

2. Match the following description to the correct term:

"Component A has 10 methods."

- ○ Example of Loose Coupling

- ○ Example of Tight Coupling

- ○ Example of Low Cohesion

- ○ Example of High Cohesion

- ○ Need more information

✔ **Congratulations! You passed!**

Next Item

✔ 1. Match the following description to the correct term:

1 / 1 points

"If you change how Component A is implementing a certain API, you will have to change how Component B uses that API."

◯ Example of High Cohesion

◯ Example of lack of High Cohesion

◉ Example of Tight Coupling (lack of Loose Coupling)

Correct
That's correct. If you change **how** Component A implements some API, that shouldn't affect Component B's interaction with the **same** API.

◯ Example of Loose Coupling

✔ 2. Match the following description to the correct term:

"Component A has 10 methods "

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← Quiz 4
Practice Quiz, 2 questions

2/2 points (100%)

⦿ Example of Tight Coupling (lack of Loose Coupling)

Correct

That's correct. If you change **how** Component A implements some API, that shouldn't affect Component B's interaction with the **same** API.

◯ Example of Loose Coupling

✔ **2.** Match the following description to the correct term:

1 / 1
points

"Component A has 10 methods."

◯ Example of Loose Coupling

◯ Example of Tight Coupling

◯ Example of Low Cohesion

◯ Example of High Cohesion

⦿ Need more information

Correct

That's correct. You can't tell by the number of methods if Component A has high or low cohesion. You need to find out what Component A's responsibility is and then judge each method to see if it's very closely addressing that responsibility.

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PRACTICE QUIZ

Quiz 5

3 questions

To Pass   100% or higher

[Start]

👍   👎   🏳

1. MVVM Design Pattern has a Model, View, ViewModel and what other component?

1 point

- ○ Business Logic Service
- ○ Raw Data
- ○ Declarative Binder
- ○ Whatever component

2. ViewModel does not hold data, only the Model does.

1 point

- ○ True
- ○ False

3. The View never directly changes any data

1 point

- ○ Not the Model's data, but it does change the ViewModel's data
- ○ True

← **Quiz 5**
Practice Quiz, 3 questions

3/3 points (100%)

✓ **Congratulations! You passed!**

[Next Item]

✓ 1. MVVM Design Pattern has a Model, View, ViewModel and what other component?

1 / 1
points

○ Business Logic Service

○ Raw Data

◉ Declarative Binder

Correct
That's correct. It's actually the **key enabler** of this design pattern.

○ Whatever component

✓ 2. ViewModel does not hold data, only the Model does.

1 / 1
points

○ True

◉ False

Correct
That's correct. ViewModel also holds data (see that "Model" word as being part of that term?), but it's data that represents the view, not necessarily the data which the whole

✔ **2.** ViewModel does not hold data, only the Model does.

1 / 1
points

○ True

◉ False

Correct

That's correct. ViewModel also holds data (see that "Model" word as being part of that term?), but it's data that represents the view, not necessarily the data which the whole system is about.

✔ **3.** The View never directly changes any data

1 / 1
points

○ Not the Model's data, but it does change the ViewModel's data

◉ True

Correct

The statement is true. The View is only there to **display** the data, never change it.

○ False