

# STUDENT VERSION (Week-16)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

## Teamwork Schedule

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<b>Ice-breaking</b>	<b>5m</b>	
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- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

<b>Team work</b>	<b>5m</b>	
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- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

<b>Ask Questions</b>	<b>15m</b>	
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**1. Node.js application can access which of the following databases?**

- A. NoSQL databases
- B. Relational databases
- C. All of the above
- D. None of the above

**2. Which of the followings are valid languages for Node.js?**

- A. JavaScript
- B. Java
- C. C++
- D. C#

**3. Which of the following tool automates various tasks of Node.js application?**

- A. Express.js
- B. GruntJS
- C. NPM
- D. None of the above

**4. Which of the following template engines can be used with Node.js?**

- A. Jade
- B. Vash
- C. Handlebars
- D. All of the above

**5. Which module is used to serve static resources in Node.js?**

- A. node-static
- B. http
- C. node-resource
- D. static

**6. Which of the following types of application can be built using Node.js?**

- A. Web Application
- B. Chat Application
- C. RESTful Service
- D. All of the above

**7. Which of the followings are web application frameworks for Node.js?**

- A. Express.js
- B. Geddy
- C. Locomotive
- D. All of the above

**8. Which of the following class is used to create and consume custom events in Node.js?**

- A. EventEmitter
- B. Events
- C. NodeEvent
- D. None of the above

<b>Interview Questions</b>	<b>15m</b>	
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**1. Explain what is MongoDB?**

Answer:

**2. How is data stored in MongoDB?**

Answer:

**3. Explain what is horizontal scalability?**

Answer:

**4. What is Sharding in MongoDB? Explain.**

Answer:

<b>Coding Challenge</b>	<b>10m</b>	
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- [Coding Challenge: JS-CC-012 : Typewriter Effect](#)

<b>Video of the Week</b>	<b>5m</b>	
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- [STOP! Don't Apply To Jobs ANYMORE](#)

<b>Retro Meeting on a personal and team level</b>	<b>5m</b>	
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Ask the questions below:

- What went well?
- What went wrong?
- What is the improvement areas?

<b>Case study/Project</b>	<b>15m</b>	
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## 21 Best Open Source React Developer Tools To Use In 2021

Prior to the teamwork activity, please take a look at <https://www.ideamotive.co/blog/best-open-source-react-developer-tools> website. Introduce some of the tools mentioned above at least 5 of them during your teamwork activity.

<b>Closing</b>	<b>5m</b>	
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-Next week's plan

-QA Session

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