

# STUDENT VERSION (Week-17)

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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. In which programming language is Django written?**

- A. C++
- B. Java
- C. Python
- D. Ruby

**2. Every time a user is saved, their quiz\_score needs to be recalculated. Where might be an ideal place to add this logic?**

- A. Template
- B. Model
- C. Database
- D. View

**3. What is the correct way to begin a class called "Rainbow" in Python?**

- A. `Rainbow {}`
- B. `export Rainbow:`
- C. `class Rainbow:`
- D. `def Rainbow:`

**4. Which step would NOT help you troubleshoot the error "django-admin: command not found"?**

- A. Check that the bin folder inside your Django directory is on your system path.
- B. Make sure you have activated the virtual environment you have set up containing Django.
- C. Check that you have installed Django.
- D. Make sure that you have created a Django project.

**5. You have inherited a Django project and need to get it running locally. It comes with a requirements.txt file containing all its dependencies. Which command should you use?**

- A. `django-admin startproject requirements.txt`
- B. `python install -r requirements.txt`
- C. `pip install -r requirements.txt`
- D. `pip install Django`

**6. Which skills do you need to maintain a set of Django templates?**

- A. template syntax
- B. HTML and template syntax
- C. Python, HTML, and template syntax
- D. Python and template syntax

**7. What is the typical order of an HTTP request/response cycle in Django?**

- A. URL > view > template
- B. form > model > view
- C. template > view > model
- D. URL > template > view > model

**8. Which will show the currently installed version on Django?**

- A. `print (django.version)`
- B. `import django django.getVersion()`
- C. `import django django.get_version()`
- D. `python -c django --version`

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

**2. Explain Django architecture?**

**3. How to do you create a Django project?**

**4. What is the difference between Flask and Django?**

<b>Coding Challenge</b>	<b>10m</b>	
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- [Coding Challenge: JS-CC-013 : Bracket Validator](#)

<b>Video of the Week</b>	<b>10m</b>	
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- [I ask this question to every Backend Engineer I interview](#)

<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>5m</b>	
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### Django Packages Directory

Prior to the teamwork activity, please take a look at <https://djangopackages.org/> website. Introduce some of the apps, packages and frameworks seen on this webpage during your teamwork activity. Put emphasis on columns of Stars, Forks and Commits.

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

-QA Session

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