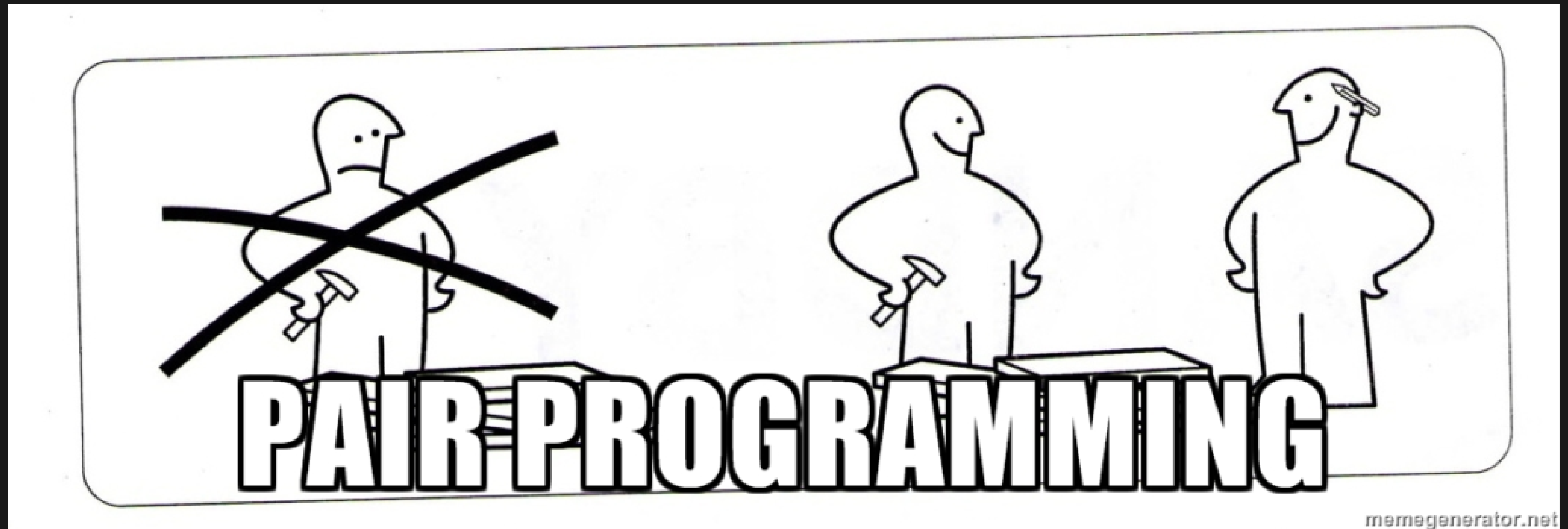# WRS Hackathon June 30th 2021
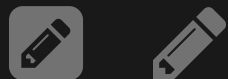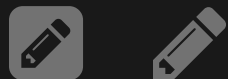

your hosts: Harm-Jan Benninga, Serkan Girgin, Roelof Rietbroek

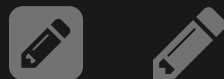UNIVERSITY OF TWENTE. | ITC

Overall aim of the workshop: Hands-on experience and learn from each other

UNIVERSITY OF TWENTE. | ITC
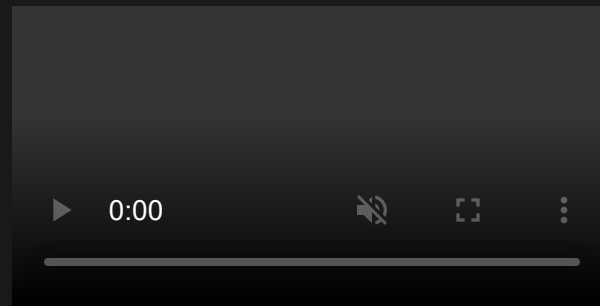
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- Adapt to your group's speed
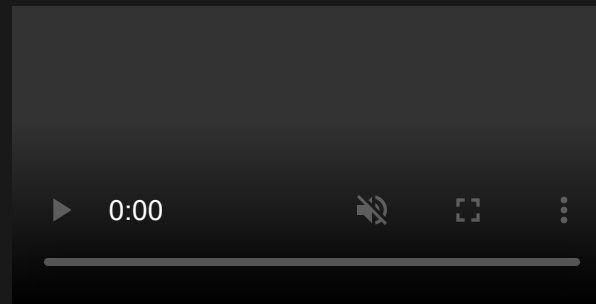
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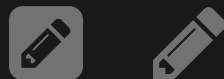- Tell us what you're thinking/and where you have problems

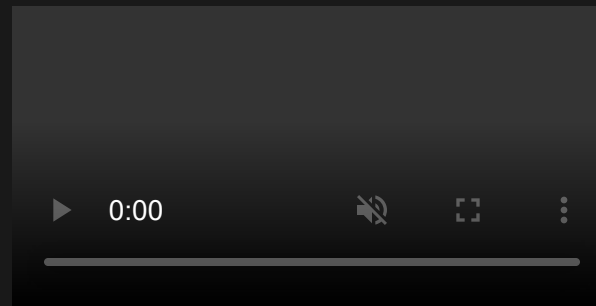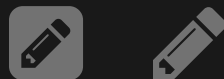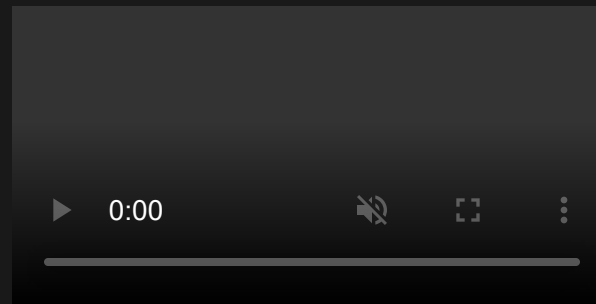# Overall aim of the workshop: Hands-on experience and learn from each other

- Adapt to your group's speed

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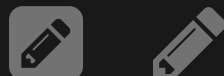
- Tell us what you're thinking/and where you have problems

- Create a little showcase/pitch to show at the end of the day

Overall aim of the workshop: Hands-on experience and learn from each other
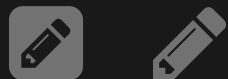
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- 14:00 - 14:10: Introduction. We will start plenary in 5-144 and online

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- 14:00 - 14:10: Introduction. We will start plenary in 5-144 and online
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ITC

Overall aim of the workshop: Hands-on experience and learn from each other

- 14:00 - 14:10: Introduction. We will start plenary in 5-144 and online
- 14:10 - 15:00: Getting started. Teams can work in room 5-136, room 5-144 or online
    - Setting up your environments

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- 14:10 - 15:00: Getting started. Teams can work in room 5-136, room 5-144 or online

  - Setting up your environments
  - Quick online research

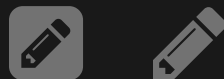UNIVERSITY OF TWENTE.

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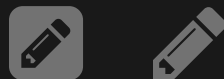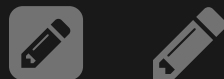 - Formulate your specialized challenge

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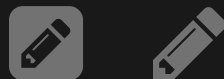- 15:00 - 15:10: Quick get together to see where we are

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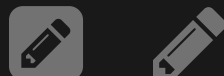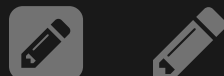 - What is your group going to do/doing?

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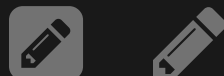- 15:10 - 16:40: Continue challenge

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- 15:10 - 16:40: Continue challenge

- 16:40 - 17:00: Concluding pitch round (3min pitch per group)
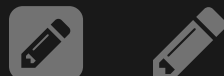
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- 15:10 - 16:40: Continue challenge
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- 17:00 - :Informal walk in the park

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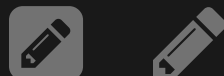
Tips and Tricks

- You can login with your UTwente credentials at crib.utwente.nl. The hackathon content will be living in the shared folder `shared/ITC-WRS/Hackathon2021`. This presentation and the challenge skeletons are in the `info` subfolder

- Create a dedicated folder for your group

- Choose your weapon of choice (Python or R notebooks)

- Create a 'master' notebook which will contain the consensus code. You are encouraged to create additional (personal) scratch notebooks to test smaller code snippets. Note that you have to agree on who will be editing the master notebook in order not to overwrite each other's changes.

- For online participation and reaching the other groups, please use the MS teams chat of the official Hackathon event. You can of course use private messages but we hope that sharing among all participants may create a more lively discussion

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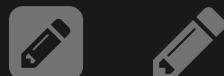
Today's Teams

Team 1 (aka ?): *search and process data from DIAS*

Egor, Mewcha and Gabriel

Team 2 (aka ?): *search and process data from DIAS*

Sammy and Chiel (🌐?)

Team 3 (aka ?): *water body mapping using the Google Earth Engine*

Hong (🌐?) and Harm-Jan

Team 4 (aka?):*search and process data from DIAS* (Ch. 1)

Diana, Marloes, Arno (🌐)

Team 5 (aka?): *Open challenge* (Ch. 3)

Bas, Ben