

# Advanced C++

3. Motivation

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## Solutions and materials



- GitHub: <a href="https://github.com/UNN-VMK-Software/advanced">https://github.com/UNN-VMK-Software/advanced</a> cxx
  - Fork repository
  - Create pull request with solution into repository
  - Merge solution into repository

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#### Discussions



- Best group size: 3-4 people
- Best discussion time: 45 minutes
  - Solve/Investigative task before meeting
  - Discuss task
  - Produce artifacts
- Artifacts:
  - Presentation (demo)
  - Repository

### Tasks



- obj, executables, application execution
- constexpr
- singleton
- class objects in memory
- dynamic\_cast
- ...
- lambdas
- smart pointers, factory method, abstract factory

# Next steps



- Form groups
  - Write e-mail (?)
- Select tasks
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