

# Tipps for the exam

## Shortcuts

- Toggle comment - `ctrl + /`
- Show code completion - `ctrl + space`
- Snippet keywords - `cout, cin, fori, vector, fore, itera, mfun`
- Check type - `typeid(a).name()`

## Reminders

- Pay attention to detail in theory questions
- Focus on your shortcomings and practice solving problem-specific algorithms
- Make sure you have understood and can replicate the example tasks covered in lectures and exercises
- Visualize your thought process step by step before implementing it in code and consider edge cases
- **Only use functionalities introduced in class, unless you are absolutely certain about their correct usage**

## Loops

- Array: `for(T* p = this->arr; p != this->arr + size; p = p+1)`
- Linked List: `for(Node* p = this->head; p != nullptr; p = p->next), while(p = p->next)`
- Container: `for(<T>::iterator it = c.begin(); it != c.end(); ++it), for (auto &i: c)`

[https://lec.inf.ethz.ch/past\\_exams/](https://lec.inf.ethz.ch/past_exams/)

Good Luck ! 😊