

Kattis

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0.1 Kattis (<https://open.kattis.com>)

- throughout these notebooks, you'll find Kattis problems listed under each chapter where appropriate
- Kattis is a free problem bank and online judge that is widely used in [International Collegiate Programming Contest \(ICPC\)](#) around the world
- Kattis is a great tool to learn various programming languages while solving myriad of intuitive algorithmic problems and developing problem solving skills that are sought after by many potential employers
- research (<https://rambasnet.github.io/pdfs/kattis.pdf>) has shown that by introducing and assigning Kattis problems motivates students to continuously use Kattis and solve more problems there by becoming an effective problem solver – a hallmark skill of computer scientist
- here's a repository of some sample solutions provided in various languages with automated test cases: <https://github.com/rambasnet/KattisDemos>
 - eventually (by Chapter 7), you'll be able to understand and use all the programming concepts used in those demo solutions
- use Kattis provided help to get your started: <https://open.kattis.com/help>
- you must create a free account here: <https://open.kattis.com/login> to be able to submit your solution so the Kattis can judge it providing you the verdict

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