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This course has already ended.

The latest instance of the course can be found at: [Principles of Algorithmic Techniques: 2023 Autumn](#)

Implementing primal-dual algorithms

Our fourth programming exercise at this course asks you to write a solver subroutine that computes a 2-approximation to minimum vertex cover. (Click [here](#) to fast-forward to the problem statement and the submission dialog.)

One possible solution to this exercise is to prepare an implementation that uses the primal-dual method studied in [Lecture 6](#).