



NOI 2017 TASKS

Tasks
Task 1: Best Place
Task 2: Roadside Advertisements
Task 3: Hotspot
Task 4: RMQ
Task 5: I want to be the very best too!

Notes:

1. This document consists of 16 pages excluding this page.
2. Each task is worth 100 marks.
3. For each task, your program will be tested on a few sets of input instances. We call each set a subtask. Each subtask is worth a few marks.
4. The subtasks vary in size and complexity, leading to different levels of difficulty. If you find solving the task completely difficult, you may want to focus on the easier subtasks. The first subtask is expected to be very easy.
5. The maximum execution time on each input instance in Tasks 1, 2, 3, 4 & 5 are 1.0, 1.0, 2.5, 1.0 & 5.0 seconds, respectively, and the memory size is limited to 512MB for all tasks.

HAPPY PROGRAMMING!