

Exercise Session – Paths

Luca Ezio Pozzoni

Politecnico di Milano

lucaezio.pozzoni@polimi.it



Context

- A fitness-oriented program models some paths that can be followed by runners.
- When a runner logs its activity on a path, it is awarded points according to the path length and its difficulty rating.
- This rating depends on the reviews left by other users, and is an unsigned value between 1 and 10.

Goals

 Implement Path class methods for rating an existing path and obtaining the points is should award to runners according to the formula

 Implement a class HikingPath extending Path and containing information about the elevation gain of the trek, computing awarded points according to the formula

This class can be rated by users with values between 0 and 15