

Northern Michigan University (Marquette Co, MI)

CS 522-01-23W: Principles Of Programming Languages

Assignment 2

Due: Wednesday 15 February 2023 2:00 P.M. EST

Create a directory called “HW2” at the top level of your CS522-01-23W folder on PHILOS. You should solve this problem in either a text file (.txt) or an MS Word file (.docx). Place this file inside your HW2 folder along with an empty file or folder named DONE .

From the textbook do

Exercises 1-2, p. 42

Exercises 1-3, p. 66

Prove that the language of base 10 perfect squares $\{0,1,4,9,16,25,\dots\}$ is not regular.