ISA

Geographic Information Systems 2026/2027

Lesson 15 – Diagrammatic Resolution of Exercise 08

U LISBOA | UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR DE AGRONOMIA

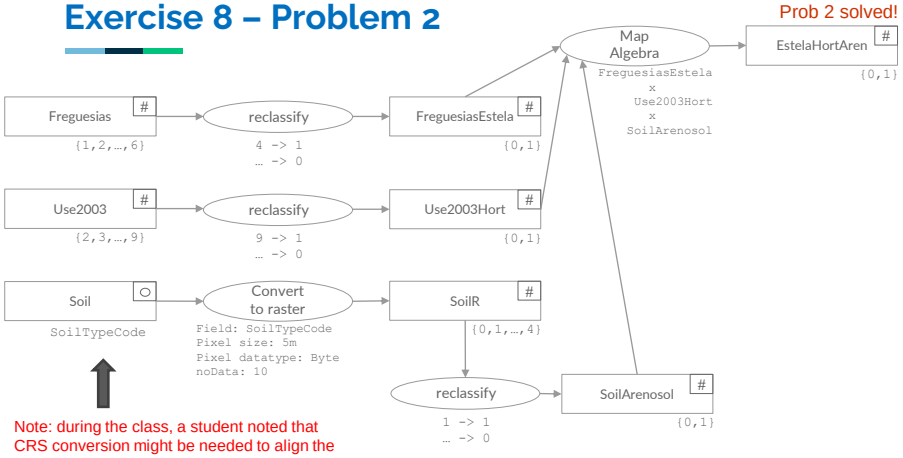
Exercise 8

Problem 2 – Identify the zones of civil parish Estela (code = 4) with soil use Horticulture in 2003 (code = 9) and soil type arenosol (code = 1).

Problem 3 – Create a vector gds representing the regions the civil parish Estela (code = 4) with soil use Horticulture in 2003 (code = 9) and soil type arenosol (code = 1).

Exercise 8 – Problem 2

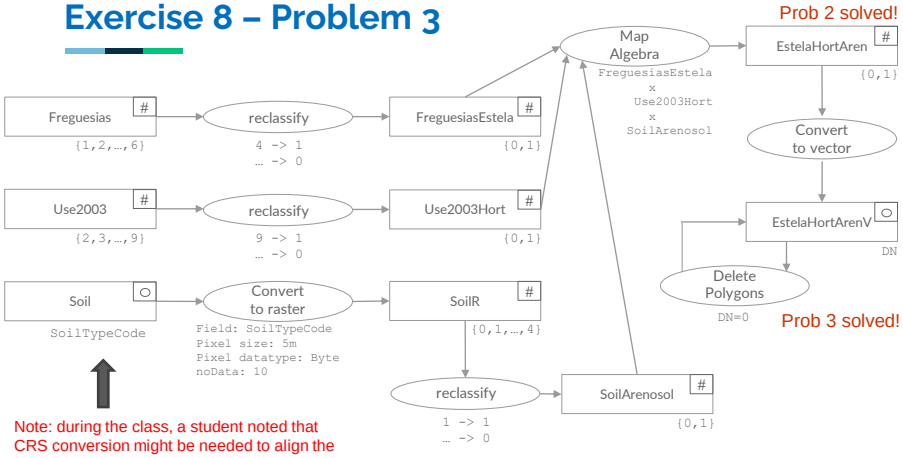
Prob 2 solved!



Note: during the class, a student noted that CRS conversion might be needed to align the vector CRS with the CRS of the 2 rasters, and options were discussed to implement it

Exercise 8 – Problem 3

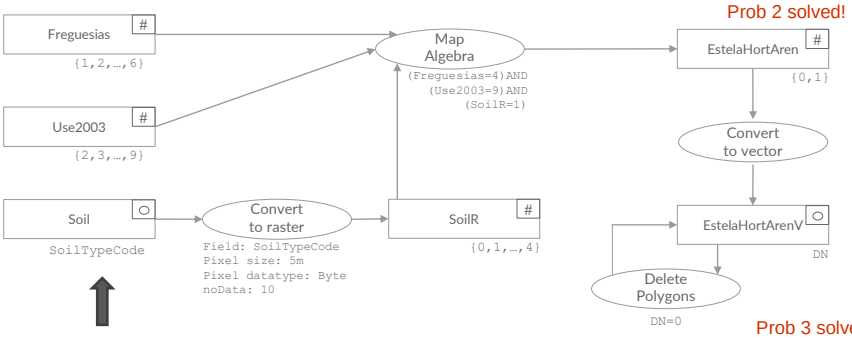
Prob 2 solved!



Prob 3 solved!

Note: during the class, a student noted that CRS conversion might be needed to align the vector CRS with the CRS of the 2 rasters, and options were discussed to implement it

Exercise 8 – Problem 2 & 3 (another option)



Prob 2 solved!

Prob 3 solved!

Note: during the class, a student noted that CRS conversion might be needed to align the vector CRS with the CRS of the 2 rasters, and options were discussed to implement it

Credits

The structure and content of the course, including most of the slides and exercises were developed by Professor Graça Abrantes (SIG 2021_2022) and Professor Rui Figueira (SIG 2023_2024)