

# CSCI2412

## Lab 10 – Genetic Algorithms

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Using Matlab, check the Demos found in the folder “mgongora” in the L drive, The Gas\_Demo.m in the “GAdemo” folder is a matlab program for a genetic algorithm that solves a simultaneous equation problem:

Check Mainly:

- The General execution of the program.
- The Statistics provided after execution.
- Change the parameters (percentages of genetic operators) and check how the performance of the algorithm and its statistics are affected.

→ Describe in your **portfolio** the effects you noticed when adjusting the operators percentages.

→ Record your conclusions in your **portfolio**.

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