2500 >WORD LIMIT <5000

# Introduction

-Explain the problem that has been addressed in the coursework including references that indicate the source of the problem.

-Provide the mathematical formulation of the problem

(Clear and accurate description of the problem formulation)

# Implementation

-Explain the design methodology and the implementation choices that has been adopted for both the two algorithms, also including references (pieces of code) to the developed solutions.

# Evaluation

-Report the performance of the two algorithms with resepcts to ATLEAST TWO DIFFERENT, NOT TRIVIAL INSTANCES of the problem under consideration.

Be methodical and precise in taking measurements. Indicate which parts of the code are considered; whether overheads are taken into account, report an average of multiple measurements; include charts where applicable.

# Conclusion

-Highlight pros and cons of the two approaches, for solving the problem under considersation.

# References: