

Contributions

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Thomas Meehan Contributions –

For this project I was responsible for writing the code for all parts of question 1 and also completing the bin packing problem along side Robert, In addition to this I was also responsible for creating the reports for the project and researching genetic algorithms initially, Robert and I initially discussed the structure our code would take and how we would go about tackling the problem each question posed, we then coded solutions together and worked through any problems we faced. Following this I wrote the initial reports and Robert then looked through them and offered feedback and advice to improve the reports, we then updated the reports and performed some minor corrections across the whole assignment.

Robert Smith Contributions –

For my contribution to the project me and Tom worked together on question 1.1, 1.2 and 1.3 and also on the bin packing problem. Tom wrote the reports initial draft, and I was responsible for proofreading it and providing feedback to improve it. I was also responsible for researching the operations that genetic algorithms used, such as one point crossover and mutation, in addition to this I also researched different ways that mutation rates and crossover rates affected the results of a genetic algorithm. I also researched ways that other people had completed the bin packing problem and read several articles that allowed me to understand how to approach the problem.