STOR-609 Assessment 1 - Marks and Feedback

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1 Quality of Source Code

- You have provided some very high quality python code.
- You have provided descriptions as to the purpose of your methods in your source code

Mark (out of 5): 5

2 Solution

- For both problems you have provided example code that produces a correct solution.
- Your code is designed so that it was easy for me to change the problem and produce further correct solutions (i.e. your code is both **re-usable** and **re-runnable**)

Mark (out of 5): 5

3 Understanding Design Principles

• You have provided an implementation for a generic backtracking algorithm which is immediately recognisable as such when compared with the pseudo code provided.

Suggestions

• It would be useful for you to consider the computational complexity of your methods in more detail (i.e. how much extra "computation" is required as your problem size increases).

Mark (out of 5): 4.5

4 Quality of Written Communication

- You have provided some detailed and high quality descriptions of how your problem specific procedures work.
- You have reflected on your design choices and discussed some of the issues regarding recursion in python.
- You have provided references to supporting material.

Suggestions

• It would be really good if you also provided pseudo code for each of your **accept**, **reject**, **first**, and **next** methods.

Mark (out of 5): 4.5

5 Overall Comments and Marks

- Overall this is a good piece of work.
- Do you remember looking at bitwise operations in the **Introductory Python Course**? How might they be useful in the context of this assignment?

Overall Mark (out of 20): 19