

# MAT168 HW1

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**(1)(2)(3)**

Please refer to written part.

**(4)**

Let  $x_j$  denote the quantity of  $j$ th item consumed.

The primal problem is:  $\min c^T x$

$$Ax \geq b$$

## Collaboration

All collaborators are listed (in alphabetical order) below:

- Andrew
- Zhongning
- Sterling
- Fenqgin

- Anne
- Dhruv
- Alisa

## **Academic Integrity**

On my personal integrity as a student and member of the UCD community, I have not given, nor received and unauthorized assistance on this assignment.

Signature: Andrew Jowe