Discrete Optimization Assignment:
Screen Name

1 Problem Statement

This assignment is designed to familiarize you with the programming assignment infrastructure. All of the assignments in this class involve writing an optimization algorithm (i.e. a program) and submitting your results with the provided submission script. In this assignment, you will write a very simple program to submit a *screen name* of your choice to the course. In future assignments, your screen name will be used when presenting your results on a leader board.

2 Assignment

Write an algorithm to submit your screen name to the course. The screen names are *not* required to be unique. If you have difficulty finding your results in the leader board, resubmit this assignment to change your name to something more unique.

3 Data Format Specification

The output is one line containing your screen name, s.

```
[Output Format]
s
```

The screen name can only contain letters, numbers, spaces, dashes, and underscores (i.e._). It should also be no more than 40 characters long (including spaces).

Examples

```
[Output Example]
C4rl3t0n
```

```
[Output Example]
The Optimizer
```

```
[Output Example]
734562234
```

4 Instructions

Edit `solver.py` and modify the `solve_it()` function to return your screen name. Your `solve_it` implementation can be tested with the command `python ./solver.py`

Handin   Run `submit.py` with the command, `python ./submit.py`
Follow the instructions to submit your screen name. You can submit multiple times. However, it may take several minutes before your screen name is updated.

5   Technical Requirements

You will need to have python 2.7.x installed on your system (installation instructions, `http://www.python.org/downloads/`).