TA Evolutionary Computing Assignment
Author: Kaito Minami

{'overallocation': 0, 'conflicts': 0, 'undersupport': 0, 'unwilling': 0, 'unpreferred': 3}:
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[0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0]
[0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0]
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Above is the solution which I personally think is the best. I assigned:
[('Agarwal S', 8),
('Ahmed M', 8),
('Arora A', 14),
('Arora I', 7),
('Boehm S', 15),
('Browne L', 3),
('Browne L', 15),
('Cassway R', 0),
('Chandra D', 11),
('Chandrashekhar S', 6),
('Chandrashekhar S', 12),
('Chenthilkannan A', 14),
('Gong J', 7),
('Gong J', 16),
('Hegde N', 11),
('Hsiao A', 5),
('Kedharnath S', 4),
('Kota S', 1),
('Kota S', 9),
('Kulik J', 12),
('Kurra P', 0),
('Kurra P', 4),

('Lanman K', 5),
('Levi Cc', 0),
('Levi Cc', 9),
('Merkle S', 16),
('Nidadavolu A', 11),
('Nidadavolu A', 16),
('Noto S', 13),
('Nukala S', 1),
('Nukala S', 9),
('Ritcheson S', 13),
('Rivera A', 4),
('Senthil Kumaran C', 3),
('Shah F', 2),
('Shenoy P', 5),
('Shiflett A', 6),
('Shroff R', 10),
('Sreepada S', 8),
('Stochaj K', 12),
('Sukhatankar S', 1),
('Thakkar P', 0),
('Tunney B', 2),
('Tunney B', 4),
('Waterson R', 15),
('Weigel V', 10)]

The objective score of this assignment is:
{'overallocation': 0, 'conflicts': 0, 'undersupport': 0, 'unwilling': 0, 'unpreferred': 3}

I think this is the best result I obtained because 4 of 5 scores are 0, which indicates their flawlessness and the remaining one 'unpreferred' has only score 3. And I think the 'unpreferred' is the least significant objective because the 'unwilling' score 0 indicates that those 3 are at least in the TA's willing sections and not the unwilling sections.

GitHub Repo: https://github.khoury.northeastern.edu/minamik/evo_tas