NETB507 -Assignment Problem

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tasks Input weights for each task by agent Steps of the

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February 2023

Outline

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1 Overview

- Initialize agents and tasks
- Input weights for each task by agent
- Steps of the algorithm

Initialize agents and tasks

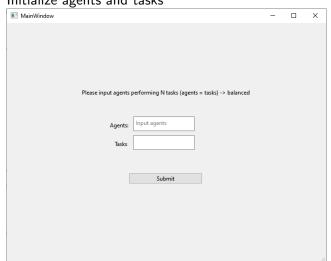
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Initialize agents and tasks
Input weights for each task by agent
Steps of the algorithm

Initialize agents and tasks



Input weights for each task by agent I

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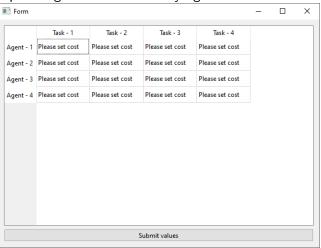
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Overview

Initialize agents ar

Input weights for each task by agent
Steps of the

Input weights for each task by agent



Input weights for each task by agent II

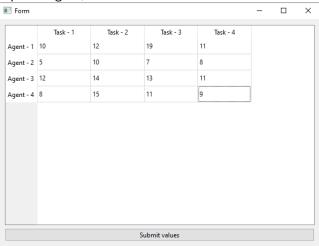
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Overview

Initialize agents ar

Input weights for each task by agent Steps of the Input weights, Then click 'Submit values'



Input weights for each task by agent III

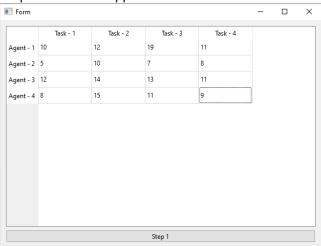
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Initialize agents a

Input weights for each task by agent Steps of the Step buttons will appear



Steps of the algorithm I

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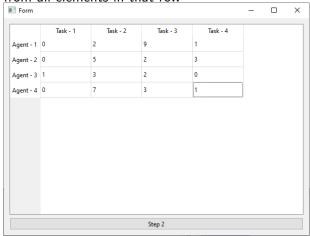
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algorithm

tasks
Input weights for each task by agent
Steps of the

Step 1 - Find lowest element in each row and subtract it from all elements in that row



Steps of the algorithm II

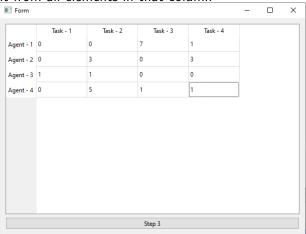
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Overview

algorithm

Initialize agents and tasks Input weights for each task by agent Steps of the Step 2 - Find lowest element in each column and subtract it from all elements in that column



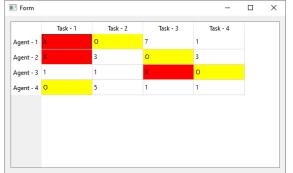
Steps of the algorithm III

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Initialize agents and tasks
Input weights for each task by agent
Steps of the algorithm

Step 3 - Find the only zero in row and mark it with 'O' and mark the other zeros in the column with 'X'



 The algorithm should continue to execute 'Step 3' till it examines every row and column then return optimal schedule