Model descriptions

Parameters:

Stations: 10 stations to start with

Start/stop location: 4 locations

OD matrix of 10 (make it even flow) => flow on each links (2 adjacent stations)

Train type: 1 or 2 to start with

Max trains on each link: an array

Variables:

Array of each possible trip + turn back: 4 locations = combination 2 of 4 = 6 pairs

Array element: # of train to run on each pair

Objectives:

* Minimize travelling distance
* Minimize interchange