

Travelling AI student starts from Tampere and returns to Tampere. He visits Toijala, Vesilahti and Sastamala. Find the shortest possible path for him to complete the round-trip route. (Travelling salesman problem)

In which order should the traveller visit the cities? How long is the route?

The code I have created uses BB method (branch and bound). It goes through all the possibilities and compares the current best with the newest found route.

The answer is DISTANCE: 156, PATH: 0,1,3,2,0.

The best path is: Tampere, Sastamala, Vesilahti, Toijala, Tampere