

## SOP optimization with simulate annealing

- **Problem Description:**

The Sequential Ordering Problem (SOP) with precedence constraints consists of finding a minimum weight Hamiltonian path on a directed graph with weights on the arcs and on the nodes, subject to precedence constraints among nodes.

- **Command**

```
g++ -IC:/MinGW/include/ -pg q1.c -lpthread -o -pg q1.exe
```