

# Practical Software Engineering 1.

## 2. Lecture

### **1. Task: Dijkstra**

There is an edge-weighted, directed graph, where a start node is chosen. We want to know the shortest path to each node from the start node.

### **2. Task: MoneyTransfer**

There are bank offices, which manage bank accounts. People can put their money onto their account at the bank office, and they are also able to transfer money to an other bank account.

### **3. Task: PowerSet**

Calculate the power set of a set.