

# INF102 Inlevering 1 hausten 2013

Paul Grant

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## Oppgave 1

**a)**

An effective method for solving this problem would be to implement either the lock or the key as a Comparable Tuple. Then you would need to compare the array of key elements to each lock. You could either sort the keys or keep them random. But I think that it would be better to even shuffle the keys to ensure that they are random. You would be compare every key one lock and then take out the key-lock pair when you found the match. This would make the algorithm faster as there were fewer keys and locks to go through.

**b)**