# Functional Programming Assignment 1
# Theoretical Questions

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13-04-2015

# 1 Question 2.2

The Rubik's cube can be twisted in six directions. For each state six new (non-distinct) states can be generated. $n$ moves can be represented by the following mathematical function:

$$f(n) = 6^n \text{ for all } n \in \mathbb{N}$$