

# OSTRICH Tasks

## **Task 1: Translate fixed Length Constraints**

Define the length constraint only using regular languages.

## **Task 2: Password Generation I**

Use OSTRICH to generate a password that satisfies all rules.

## **Task 3: Password Generation II**

Add one rule such that the password must start with "popl" and generate a password using OSTRICH.

## **Task 4: Deleting characters**

Use word equations and string concatenation to delete the 3rd character from a string.

## **Task 5: To Lower Case**

Define a transducer that converts characters in ASCII from upper case to lower case.