

# Exercise 8

donderdag 9 februari 2023

13:01

$P_1 == \text{new msg} ; \text{out e msg} ; \text{out c 'look at your email'} ; \text{inp e y} ;$

$P_2 == \text{inp c x} ; \text{if } (c == \text{'look at your email'}) \text{ then } \text{inp e y} ; \text{out e y} ;$   
 $\text{new reply} ; \text{out e reply} ;$

~~$S == \text{inp e m} ; \text{out e m} ; \text{inp e m}_3 ; \text{out e m}_3 ;$~~   
 $S == ! (\text{inp e x} ; \text{out e x} ;)$

$P == P_1 \mid P_2 \mid S$

hint : variables are used to put information into in in statements, or to put decrypted text into.

names are used as substitutes for actual message/channel values/names.