```
1. Prove \{x > 1\} x:=x+1; x:=-x \{x < 0\}.
```

2. Prove that the program x:=x+y; y:=x-y; x:=x-y swaps the values of x and y. The conclusion should be: {x = A ∧ y = B} x:=x+y; y:=x-y; x:=x-y {y = A ∧ x = B}