

The rabbit problem

Difficulty:	Hard
Requirements:	Variables, input/output, loops
Aims:	More looping

- Write a program, that prints the n th fibonacci number.
 - A fibonacci number is the sum of its two predecessors in the fibonacci sequence
 - The fibonacci sequence starts with 0,1,...
- **Experts:** Also calculate the sum of all fibonacci numbers $\leq n$.

Hints

- One variable is not enough to store all the information you need to calculate the next fibonacci number.