(1) Write a procedure to generate the Fibonacci numbers, which are defined by

\[ F(n) = \begin{cases} 
F(n - 1) + F(n - 2), & \text{if } n > 2; \\
1, & \text{if } n = 1 \text{ or } n = 2 
\end{cases} \]

We implemented the recursive procedure in class (see worksheets Oct17.mws). Implement a non-recursive procedure.

(2) The Irby numbers are defined by

\[ I(n) = \begin{cases} 
I(n - 9) + I(n - 10), & \text{if } n > 10; \\
n, & \text{if } 0 \leq n \leq 10 
\end{cases} \]

- Implement a recursive procedure.
- Implement a non-recursive procedure.