Write a program to print the sequence of natural numbers, one per time unit.

§ Either we define \( P \) and \( Q \) by

\[
\begin{align*}
P &= \forall n: \text{nat}. \ M_{w+n} = n \land T_{w+n} = t + n \\
Q &= \forall n: \text{nat}. \ M_{w+n} = n + m \land T_{w+n} = t + n + m
\end{align*}
\]

and refine them by

\[
\begin{align*}
P &\iff m := 0. \quad Q \\
Q &\iff c! m. \ m := m + 1. \ t := t + 1. \ Q
\end{align*}
\]

or we define \( P \) and \( Q \) by equations similar to the above implications.