1. Especificación

```
proc factorial (in n: ℤ, out result: ℤ)  {
      Pre {n ≥ 0}
      Post {(n = 0 → result = 1) ∧ (n > 0 → result = ∏ₖ₌₁ⁿ k)}
}
```

Pre $\{n \geq 0\}$

Post $\{(n = 0 \rightarrow result = 1) \land (n > 0 \rightarrow result = \prod_{k=1}^{n} k)\}$