
Haskell — Fibonacci again

P94014_en

Write a function $fib :: \text{Int} \rightarrow \text{Integer}$ that, given a natural n , returns the n -th element of the Fibonacci sequence.

Scoring

- **test-1:** Inputs with $n \leq 25$.
- **test-2:** Inputs with $n \leq 10000$.
- **test-3:** Inputs with $n \leq 50000000$.

10 Points

30 Points

60 Points

Sample input

```
map fib [0..8]
```

Sample output

```
[0,1,1,2,3,5,8,13,21]
```

Problem information

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