

267 (*P*-list) Given a non-empty list S of natural numbers, define a *P*-list as a non-empty list P of natural numbers such that each item of P is an index of S , and

$$\forall i: 1, \dots, \#P. P(i-1) < P i \leq S(P(i-1))$$

Write a program to find the length of a longest *P*-list for a given list S .

no solution given