```
--partialSums ns: Returns the list of partial sums of the numeric list 'ns'.
partialSums = partialSums' 0
--partialSums' acc ns: Adds each number in the list ns to the value of acc,
        a number at a time
partialSums' = \acc -> \ns -> if null ns then
                    ns
                  else
                    head ns + acc:partialSums' (head ns +
                                 acc) (tail ns)
--powers n: The list of all positive powers of the number 'n'.
powers = \n ->  powers' n n
--powers' n x: Multiplies the number 'n' by 'x' repeatedly where 'n'
     increases by a multiple of n and puts each answer in a list.
powers' = \n \rightarrow \x \rightarrow n:powers' (n*x) x
--factorials: Gives the list of all positive integers.
factorials = factorials' 11
--factorials' n1 n2: multiplies 'n1' by 'n2' repeatedly where
             eachtime 'n2' is incremented each time.
factorials' = n1 -> n2 -> n1 * n2: factorials' (n1*n2) (n2+1)
```