

Start

Prompt user and ask if they want pre-programmed numbers or to input their own. Allow user input.

Create ackermanns function using this formula:
If $m = 0$; $n + 1$. If $n = 0$; return function $(m-1, 1)$.
Otherwise return function $(m-1, \text{function}(m, n-1))$
Run numbers through and find sum.

Output sum total.

End