Slotted Aloha

This code works on calculating the average efficiency of slots in Slotted Aloha per number of nodes, It calculates the above in a loop which starts with 1 node per transmission line and then increases until a desired number of nodes, in this example we chose 50 nodes so we loop from 1 to 50 in a number of slots defined as 100000 but the actual number of slots is determined by the number of slots needed to have successful transmission for all nodes

The result is shown in this graph between average efficiency and number of nodes