n = 100

k = zeros(n)

v = zeros(n)

e = zeros(n)

for i in 1:n

k[i] = i

v[i] = (1+1/i)^i

e[i] = exp(1)

end

using Plots

scatter(k,v,ylabel = "value", ylims = (0,3))

scatter!(k,e)

savefig("C:\\Users\\User\\Desktop\\HW1.png")