I completed the Lab using python, here is the output:

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
0.0 |	0.0000	0.0502	0.0974	0.1453	0.1898	0.2334	0.2803	0.3131	0.3635	0.4000
1.0 |	0.4325	0.4664	0.5027	0.5360	0.5591	0.5919	0.6228	0.6519	0.6764	0.7004
2.0 |	0.7208	0.7424	0.7614	0.7797	0.7972	0.8130	0.8312	0.8457	0.8597	0.8717
3.0 |	0.8793	0.8918	0.9019	0.9081	0.9166	0.9269	0.9306	0.9359	0.9448	0.9473
4.0 |	0.9507	0.9572	0.9597	0.9633	0.9707	0.9699	0.9737	0.9753	0.9786	0.9806
5.0 |	0.9835	0.9854	0.9849	0.9871	0.9875	0.9880	0.9905	0.9900	0.9914	0.9922
6.0 |	0.9930	0.9945	0.9955	0.9955	0.9959	0.9958	0.9959	0.9961	0.9970	0.9977
7.0 |	0.9975	0.9975	0.9982	0.9980	0.9984	0.9987	0.9982	0.9989	0.9985	0.9991
8.0 |	0.9989	0.9993	0.9991	0.9996	0.9994	0.9995	0.9996	0.9995	0.9998	0.9996
9.0 |	0.9996	0.9998	0.9995	0.9996	0.9997	0.9998	0.9998	0.9999	0.9998	0.9999

And here is the code:

```
import numpy as n
import random as r
r.seed()
z = [0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3, 1.4, 1.5,
     1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1,
     3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7,
     4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3,
     6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9,
     8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5,
     9.6, 9.7, 9.8, 9.9]
Zz = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
      0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
      0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
      0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
      0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
      0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
      0.0, 0.0, 0.0, 0.0,]
print("        .0     .1     .2     .3     .4     .5     .6     .7     .8     .9\n--------"
      + "-------------------------------------------------------------------")
for i in range (100):
  for a in range(20000):
      x = r.random()
      if (z[i]>=(x + n.log(1.0/(1.0-x)))):
        Zz[i]+=(0.00005)
  if i % 10.0 == 0:
    print("\n" + str(i/10.0) + " | ", end="")
  print("% .4f" % Zz[i], end="")
```