Aufgabe 1

a)

N	mean	variance	95% interv lower	95% interv upper
100	0.687614	0.772018	0.515403	0.859825
1000	0.498548	0.488197	0.455242	0.541853
10000	0.4907	0.453092	0.477507	0.503893
100000	0.490454	0.440924	0.486338	0.494569
1000000	0.487309	0.435874	0.486015	0.488603

b)

N	mean	variance	95% interv lower	95% interv upper
10	1.297044	0.046224	1.16379	1.430298
100	1.197465	0.004131	1.184867	1.210062
1000	1.149215	0.000293	1.148155	1.150276
10000	1.135995	2.88E-05	1.13589	1.136101
100000	1.13196	2.81E-06	1.131949	1.13197