C:\Users\Home\Desktop>python Guelde\_Donovan\_HW1.py

Input a positive integer: 1000

elapsed time = 0.0160000324249

elapsed time = 0.0310001373291

elapsed time = 0.0160000324249

elapsed time = 0.0309998989105

elapsed time = 0.0160000324249

elapsed time = 0.0309998989105

elapsed time = 0.0160000324249

elapsed time = 0.0150001049042

elapsed time = 0.0159997940063

elapsed time = 0.0150001049042

min = 0.0150001049042

max = 0.0310001373291

average time = 0.0203000068665

Input a positive integer: 10000

elapsed time = 2.03099989891

elapsed time = 2.07800006866

elapsed time = 2.12600016594

elapsed time = 2.14100003242

elapsed time = 2.15599989891

elapsed time = 2.15600013733

elapsed time = 2.15599989891

elapsed time = 2.15599989891

elapsed time = 2.17199993134

elapsed time = 2.15600013733

min = 2.03099989891

max = 2.17199993134

average time = 2.13280000687

Input a positive integer: 100000

elapsed time = 235.070999861

elapsed time = 246.701000214

elapsed time = 288.39199996

elapsed time = 310.197999954

elapsed time = 304.178999901

elapsed time = 314.519999981

elapsed time = 322.858999968

elapsed time = 326.875999928

elapsed time = 312.753999949

elapsed time = 321.724999905

min = 235.070999861

max = 326.875999928

average time = 298.327499962