課題 4

D5-29 東口　新

1. lena_mono

1.1 lena_temp1
position(x,y)=(236,298)
Euclidean distance is 0.000000
position(x,y)=(236,298)
Correlation coefficient is 1.000000

1.2 lena_temp2
position(x,y)=(306,82)
Euclidean distance is 2203.304932
position(x,y)=(306,82)
Correlation coefficient is 0.98282

1.3 lena_temp3
position(x,y)=(295,233)
Euclidean distance is 4555.747070
position(x,y)=(295,233)
Correlation coefficient is 0.977773

2. baboon

2.1 baboon_temp1
position(x,y)=(72,3)
Euclidean distance is 3724.046631
position(x,y)=(72,3)
Correlation coefficient is 0.975294

2.2 baboon_temp2

position(x,y)=(311,192)
Euclidean distance is 4481.844727
position(x,y)=(193,178)
Correlation coefficient is 0.968134

3.Discussion

Euclidean distance processing speed is faster than Relation coefficient one.
So, I like Euclidean distance.