Assume that there is one doc D_target: This is the target doc.
And we have three candidate docs as:
D1: This is doc one content.
D2: This is doc two and the length of contents exceeds other two.
D3: Doc three has no overlap with others.

Regardless of punctuations and case, please tell me the order of
1.similarity of these three docs to the target doc, higher similarity first: c
2.cosine similarity of these three docs to the target, higher similarity first: b
3. Euclidean distance of these three docs to the target, lower distance first: d
4. Manhattan distance of these three docs to the target, lower distance first: b

a. D3,D2,D1
b. D1,D2,D3
c. D2,D1,D3
d. D1,D3,D2

solution:
sim(D1,Dt)=3
sim(D2,Dt)=4
sim(D3,Dt)=1

cos(D1,Dt)=$\frac{3}{\sqrt{5}\times\sqrt{5}} = 0.6$
cos(D2,Dt)=$\frac{4}{\sqrt{5}\times\sqrt{14}} = 0.478$
cos(D3,Dt)=$\frac{1}{\sqrt{5}\times\sqrt{7}} = 0.169$

euclidean:
d(D1,Dt)=$\sqrt{4} = 2$

d(D2,Dt)=$\sqrt{1 + 6 + 4} = 3.31$

d(D3,Dt)=$\sqrt{4 + 6} = 3.16$

Manhattan:

d(D1,Dt)=4

d(D2,Dt)=8+1=9

d(D3,Dt)=10