2.A. Construct dentist Lridge touth

Query = (2.813, J.521, 3.912, 4.605)

Document 1 = (5,627, 0,31.296,0)

Document = (2-813, 5.521, 7.824, 27.631)

B. Cos (Query, Doawert1) = Query · Document 1 = 0-502 1 (Query 11 - 11 Document 11)

cos (huery, Document 2) = Overy. Document 211 = 0.772

Thus, document 2 is a befter match to the query.