**Algo 1 // using Longest Common Subsequence**

foreach(tuple\_i){

foreach(word\_in\_desc){

if(inQuery == 1)

word\_score = (SELECT ***score*** FROM **scores**) \* 1; // 100 %

else

word\_score = (SELECT ***score*** FROM **scores**) \* ratio;

word\_sum = word\_i + score\_in\_match\_against\_fxn;

}

}

Where ratio is derived from LCS\_len()/word\_len() scoring function

**Algo 2 // suggested**

foreach(tuple\_i){

foreach(word\_in\_desc){

if(inQuery == 1)

word\_score = (SELECT ***score*** FROM **scores**) \* 1; // 100 %

else

word\_score = (SELECT ***score*** FROM **scores**) \* ratio;

word\_sum = word\_i + score\_in\_match\_against\_fxn;

}

}

Character Correspondence Ratio

Where ratio is derived from   
[LCOS(Longest Common Ordered Subsequence)/word\_len()+LCSubstr(Longest Common Substring)/word\_len()]/2