Rohaan Youry								
FAI9-BCS-045								
IDS G14								
SI = "sunshine state enjoy sunshine"								
S2 = echnouen for jump high hopen for sun								
S2 = ee brown fox jump high, brown fox run' S3 = ee sunshine state fox run fost"								
33 = sunstine side jose sur gose								
Bow model:								
senshine   state   enjoy   berown   fox   jump   high   over   fast   Total length								
5,2110000004								
5, 0 0 0 2 2 1 1 1 6 7								
53 1 10 0 100 111 5								
Vector S, = [211000000]								
Vector S, = [000221110]								
Vector Sz = [110010011]								
TF model:								
5, 74 14 14 14 14 14 14 14 14 14 14 14 14 14								
S <sub>2</sub> 0 0 0 1 1 1 1 7 1 1 0 0 1 1 5								
S <sub>3</sub> 15 15 10 10 115 0 10 115 115 3								
yestors, = [1/2 1/4 1/4 000000]								
Vector Sz = [0 0 0 2/7 2/7 1/7 1/7 0] Vector Sz = [15 15 00 15 00 15 15]								
000000000000000000000000000000000000000								

IDF model:									
	senshine		enjay	Lheaun	lena	1 imb	1 high	1 run	fost
SI	0.088	0.044	0.119	6	10	0	0	0	0
S2	0.035	0	0	0.136	0.050	0.068	0.068	0.025	0
53	0.035	0.635	0	0	0.035	0	0	0.035	0.095
Cosine Similarity:									
St = ee senshine state enjoy senshine "?  Sz = ee senshine state fox our fast "									
Sz = senstie state for our fort									
cosèhe emilarity = Si.S3									
15,1153									
S1.53, 2x1+1x1+1x0+0+0x1+0x1+0x1									
151 111 00000									
$ S_1  = \sqrt{1 + 1 + 1 + 0 + 0 + 0 + 0 + 0 + 0} = \sqrt{6}$ $ S_2  = \sqrt{1 + 1 + 0 + 0 + 1 + 0 + 0 + 1 + 1} = \sqrt{5}$									
13) = 11 + 1 + 0 + 0 + 1 + 0 + 0 + 1 + 1 + 0 + 0									
cosine similarity = 3									
(56) (55)									
- 6.54735									