	Name: Romesa Ramzan	
	Nome: Romesa Ramzan Registration No: FA19-BCS-140	
W.		
	Question # 01:	
	Solution	
des grandi per sa Austra des		
	BoW:	
	S1 = "sunshine state enjoy sunshine"	
	S2 = "brown for jump high, brown for	yun"
	S3 = "synshine state for run fasi"	
	- wards	
and other resources	9 unique words	
scondata terrolay destactor had fin	"sunshine", "state", "enjoy", "brown", "fox",	
	"jump", "high", "rum", "fast"	
And the second second second second		

/ 		BoW			
	7.4.54	\$1	\$2	\$3	
	fasi	0:		. 1 3: 4	
	run	0	0	1	
	synshine	2	0		
acceptation and the second	state		ಲ		
mandaga dayar Arazandar Sarri Arasan Sarri	enjoy		O	0	
	brown	O	2	0	
	fox	0	2		
	jump	0		0	
	high	O		: <u>,</u> O	
	Total length	4,		5	
veilor S1: [0,0,2,1,1,0,0,0,0]					
	vaior \$2: [0,0,0,0,0,2,2,1,1]				
	vertor 53: [1,1,1,0,0,1,0,0,5]				
one manufacture and the second second					

	TE		
		1. 16.	
\	Total no of words	in \$1 = 4	
\	Total no of words	in $S2 = 7$	
~	Total no of words	in $$3 = 5$	
-		79 1 1 3 3 3 4 7 1 s	
1	9n S1	9n S2	
	tf ("sunshine") = 2/4=112	tf ("brown") = 217	
	t(("siale") = 1/4 .	tf ('fon')=217	
	tf ("enjoy") = 114	tf ('jump')= 1/7	
		tf ('high')= 117	
		tf (1runi)= 117	
	9n 53	2	
	ts ('synshine') = 115		18
	t[l'state"]= 115		
	tf ('fon')= 115		
	t (('Yun') = 115		
	t(('fast') = 115		
		TON TON TON THE TON TH	

	•		U		
		SI	<u>\$2</u>	\$3	
	fast	0	O.	115	
	Yun	0 -01-	117	115	
	sunshine	112	0	115	
	state	114	D	1/2	
	enjoy	114.8	0	<u>:</u> 0	
PMI destruction and property and	brown	0	217	0	
	fox	o +	3/4	115	
	jump	Ò	117	0.0	
Dec a	high	.0	117	0	
			regiment and make three or Burdals regiment the survival and constructions.		
	TDF	one de mercano como escenció deportacion por el circulo de 1888.	in process of current process and international contract of the current contra	IL NO	
	A STATE OF THE STA	general de side combine o anapoint mainte coconien, dont tante.		il dy prenet 14	
	idf = log	(Total n	of down	nents)	
Hereach address and the second					terms
	no of downers containing terms				
	9n S1				
	ide ('sunshine') = lug (3/2) = 0.18				
	ide ('state') = wg(3(1) = 0.48				
	7		wg (3/1) = 0.48	
	idf ('enjo	9 / =			
			THE RESERVE OF THE PARTY OF THE		

-	gn 52				
+		(101)			
1	id (1 fox)		(3/2) =	0.18	
	idf (fox		9(3/2) =	0.18	
-	idf(i)um		9(311) =	0.48	
-	idf (thig	\	og (3/1) =	0.48	
+	idf (irun)	L = U	09(311) =	0.48	
-	and the second s		<u>**</u>		
	9n 53				
	idf (suns		09(3/1) =	0.48	
	idf (15Ta	[e] = W	9 (3/1) =	0.48	
	idf ('fo	x1) = 6	19(3/1) =	0.48	
	id (iruni) = wg (3/1) = 0.48				
	idf (if		sq (3/1) =	= 0.48	
		S1	52	S3	
	run	0	048	0.48	
	sunshine	0.18	0	0.48	
	state	0.48	0	0.48	
	enjoy	0.48	0	0	
	brown	0	0.18	O	
	fox	0	0.18	0.48	
	jump	0	0.48	0	
	high	0	0.48		The Contract of the Contract o
	fast	0	8 pro	०.५१	
	- 20	AND THE RESERVE TO THE PARTY OF		l .	

	H t t	H x idf				
	3					
	Ŝ	t[]	x idf			
		S1	S2	53		
	sunshine	0.69	O	0,096		
	state	0.12	0	0.096		
	enjoy	0.12	O	*\0		
The state of the s	brown	O	- O.DS	0		
	fox	0	0.025	0,096		
	jump	O	0.068	O		
	high	O	0.068	O 1		
	run	0	0.068	0,096		
	sast	0	O	0.096		

		1
	Auestion # 02	
	Compute the cosine similar	
	Dia 32 ana 33	y
	Solution:	
	ws(S1,S3)= (S1.S3)	
	182/112/	
	S1 = [0,0,2,1,1,0,0,0,0]	
	53 = [1,1,1,1,0,0;1,0,0]	
	(S1.S3) = (0+0+2+1+0+0+0+0+0	
	(S1.S3) = 3	
	1921 = (242+111+111)112 = 2.44	
MPSHI AND PARKET	33 = (x + x + x + x + x) = 3	23
	ws(S1,S3) = 3	
	(2.44)(2.23) 5.4412	
B MACON AND AND AND AND AND AND AND AND AND AN		
	cos (S1,53) = 0.5513	
thirt collection of the collec		