* Soundex augosithm soundex is considered as a Phonetic agosithm used Primusity in NLP 508 indexing names by sound -) Algorithm used to group similar sounding letters together and assign each group a numeral number -) main good of this technique is to use homophones for encoding text with numerical indexing - As a sessut the numerical separentation can easily matched with other similar sounding characters having same numesiccu code - This sesults in setsiving a list of words that are pronounced similarly with very little variation in their homophones - Used as a simple phonetic based spell Checkes -) code sol a word consists of its siest letter followed by three numbers that encode the semuining consonant -) Those consonants that generate sume sound have same number

-) Uses code to check for closest work

mul to Letters digit substitute with integes B, F, P, V C, K, J, K, S, X, Z O, T MIN 5 Algositam - Remove all punctuation masks & capitaire letters in the word -) Retain the sisst letter of the word - Remove any occusence of the letters - A, E, I, O, U, H, W, Y UPalt from very first letter -) Replace the letters by numbers shown in tuble If two or more adjucent letters, not seperated by vowers, have the same numeric value, setain only one of them Also two letters with the same number seperated by 'h' or 'w' are codded as a single number where as such a letters seperated by a vower codded twice -) Return the first four characters, And with zero is there are less than four

PAGENO.

DATE: / /

	word soundex code
	(B, F, P, V)
	axate Cc630
	agent a630
	arate -> arate
	CCRT
	Plansiem J market
	CC 63
2	Removasiable beneated and and and and and and and and and an
	12000 100 CC & 630 ST & SCULLISH
P600	- Retain the essent letters age were
ectice	asecut -> CLREAT
2000	DOE TO ULHOW Y WIPART S
	CRTHSI III
mous	CC 630 300 300 300 300 300 300 300 300 300

TORN -> TORN V TRN T65 March Dans T650 used to sind good Possible candidate WORN - 550 for correction to be HORN -) H650 Effected fox a misspelled word # AShCRUST ASHCRAFT 4 two 08 more adjucent retters not seperated by vower have the same numeric vouce, retain one of them A2613 I Rerun the sixst sour characters A261

retain one from there 2 Tumczak A > This 2 Tiasnim will be retained are seperated by vowel. T2255 be retained BOHLS WILL be 225/ > Only fist 4 characher will be returned