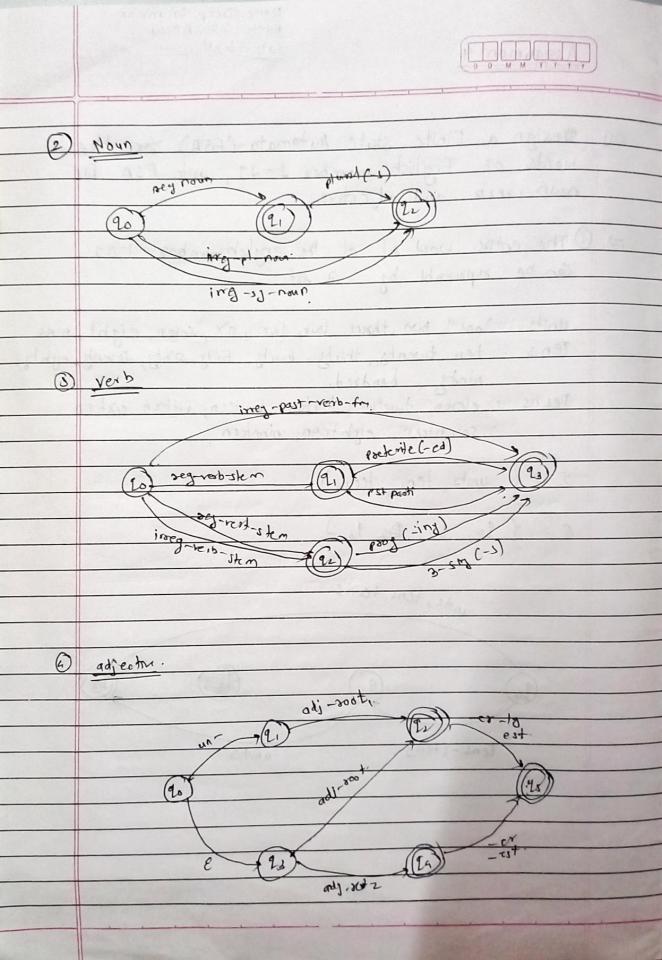
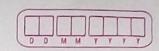
Rd. No : 21102 A 0014 SUB : NLP Assignment 4. QI] Design a Finite state Automata (FSA) for the. nords of English mumber 1-99, write FSA for => O The entry word get of the english number 1-39 Can be supremble by 3 get. units: "one", two, three, four, fre, six, seven, eight, nine Tens: ten, twenty, thirty, bury, fifty, sxty, sexcely, eighty, ninty, hundred. Teens: eleven, twelve, thirten, fourteen, fifteen, sixteen serenteen, eighteen, nineteen Z = { units, tens, tens} 0= 120, 1, 11, 11, 11, unts, tens, tens tens - [ten]

Mame : Deep Salunkhe





What is a longuage model ? Write a note on evaluation metrics for the language model A language model is a statistical model that products the probability of a sequence of word co curring in a given language. Evaluation Metrics for language Model. Perplexity: Measures the average unrestainty of the model in predicting the next word given the previous words. BLEV (Bilingual Fraluation undestudy): Primay und for machine tours lation. company it to human enforcing translation ROUGE CRecall orients understung for gisting evaluation): Similar to BLEU, Rojue assessed the quality of generated symmaties by comparing them to



03]	Frolyate the performance of the developed -answers
	system in term at providing confextually relevant
	answer for marethi educational conent.
	described bloom british a i below summer A 16
->	Following evaluation matthe could be used
	appropriate the same of the sa
	Accuracy: Measures the percentage of questions
	Accuracy: Measures the percentage of questions
July .	Precision: Calculates the proportion of correct annuess among all retrieved annuer
	among all setsiend anguer
	ADYOU SERVED TO THE RESERVED T
	Recall: Measure the proportion of arrect arguer retrieved out of all possible correct arguer
	retrieved out of all possible corner orman
and:	1 A 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C
	Flacore: Combines poecision and recall into a. Single metric
	single metric
	0
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