

Assignment-05

Course ID: CSC-301

Section: 1

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Answere to the question no-

Problem def: Free Gerammer for the language over &u, y, b' that consists of strong nested broacket, divided and star surrounded with the arbitrary of "b" That can check which is accepted and which is

(0)

The chain is $c \rightarrow \mathcal{E}|b|cb$ 1.5 $\rightarrow c|cnsyc$ String is $S \rightarrow c|cnsyc$ $2.c \rightarrow \mathcal{E}|b|cb$

(d)

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Cycysrb	
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chc		by	75608
czp	_pd		32020
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Cy		accepted	(DO)

(11) The chain is $C \rightarrow \mathcal{E}[b] cb$ string $S \rightarrow c | cn syc$

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CZSKP			d 3550	
cysn	- Kod &	Xbuby	25350	
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	Answer to the Question no -2
	Problem def - Construct a FSR fore a language
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	gt decides whether it acceptedor
	a puerate output
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Imp	at Syn	bol		
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3	(0	4	0
4	4	4	9	4

Consta

Conclusion ..

I. Here we find the context-tree grammer for the language. By using theorem we are decided that it accepted on re-sected.

2. We make a diagram, Taking Input Symbol, transition matrix and regular grammar