Practical NO.05

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Title :- Write a C program to implement operation porcedura parsing.

Theory :- A grammer that is generated to define the mathematical operator is culted operator grummer with some restriction on grammer; An operator precidence grammer is a context free -grammer that has the property that no production has either an empty.

night hand side or two adjacent non-terminal in high hand side.

operator precedence groummer is kind of shift reduce porsing method It is appointed to a small class of operator grammers.

- 1. A grammers is said to be operator precedence.
- 2. No R.H.S. of any production has a f.

 3. No Two non-terminal are adjaunt.

 4. Operator prededura can only estabilished between. the terminal of the grammer, It typo see the non-terminals

- there are the above operation precedence relations.
- that terminal "b". · a < b mean, that terminal "a" has the lower proceeding
- than terminal "b" · a=b mean, that the terminal a a" and b' buth

have same precedence

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parsing ·Action 1-

- end of the given input swing add the \$ symbol.
- · Now soun the input string from left right until the > is encountraed.
- · Scan foward left over all the equal precidence until the first test most < 15 encountered
- · Everything between laftmost & and oright most >10
- \$ on I means pensing is successful Ex: - Grammer

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