BoHom- up palsee:

and it considers the Terminals (input)

from light - deft

precedence

passes

| Description | Descript

* OPERATOR PRECEDENCE

operator

Grammas

operator

palso.

paule tall

Rules:

operator Grammar:

How to 3 dentify? checking the below conditions:

- 1) NO Epsilon (E) on the sight side
- 1 No adjacent variable. [Having 200 more N.T together)

Eg:

Adjacent 1. AB - YES V variable 2. A+B - NO X

Yes/NO. 3. A-B - NO X

4. A/B - × ND

g you find 2, 3, 4 -> grammar is op brammer. copietor precedente

1. E- B+H EX F id?

Is thu of Grammar <u>YES</u>

a. E-> EAE/id NO

3· A -> 十/米

If there are adjacent variables, then you have to convert it into OP Geamma.

example:
$$S \rightarrow SAS$$
 [id
 $A \rightarrow aSa/a$

conversion.

In O substitute 2.

Basile knowledge of operators:

id, a, b, c..., terminals -> High T

T->T+T/TXT/id

with the help of following grammas passe the input string u ed + id * id "

mortulos

STEPS:

- e check if the grammar is of or not
- 2. OP Relation table
- 3. Parse the given string.
- 4. Generate the passe the.

1. V beaumae is OP.

a. T-> T+T/ T*T/ id

High pleadure

ト戦

2. +

3. — 4. %

	1+	米	id	\$
7	>	2	_	>
光	>	>	۷	>
94	>	>	1	>
\$	4	2	<	A

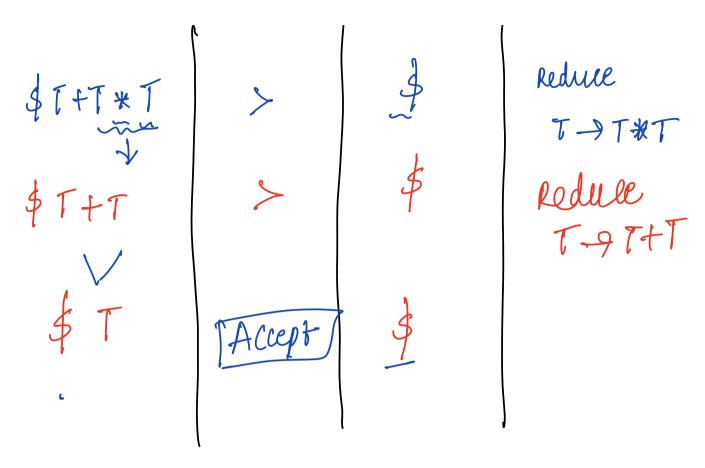
A: Accept

Operator prece derrice . Relation Table

T-> THT V T-> TRT V T-9 id

3. Pause the given string. id til * id \$

Stack	Relation	gnput	ff.ctions
\$	_	id + id * id \$	shift id
sid genter their genter their genter their	>	tid * id \$	Reduce T->id
\$ 7	_	+ id * id \$	shift t
\$ T+	<u>L</u>	id * id \$	shift id
\$ T+ id	>	* id \$	Redule T->id
\$ T+ T		* id \$9	shift *
\$ 7+ 1*		id \$	shift id
\$T+T* id	>	\$	Redule T→ Éd



4. Considering the stack values from Bottom to up we build the pause tree.

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