```
Parsing of string in SLR(1) Parser
  Input: An Input String w and SLR- parring table with function
SLR parring Algo:
          ACTION and Goto for a grammar G
 Output: 9/ wis in L(G), the reduction steps of a Bottom up passer
          for w, otherwise an error Indication.
METHOD: Intially So (Snitief State) on the Stock and wit in the the
           Ilp Byler
   let à be me first symbol of ws;
    while(1)
   let S be the State on the top of the Stack;
       if (ACTION [s, a] = shift t)
          push tonto the Stack;
         let a be the Heat Ilpsymbol;
Elseif (ACTION [S, a] = reduce A > B) {
          pop 2 | B | Symbol from the Stack;
          let stole t Now be on he Top of Stock;
          Push GOTO[t, A] onto he stack;
           Output re prodution A+B;
 elseif [ ACTION [S,a] = accept)
           break;
   else
       emor;
```

Parse he Input string aabbt by scrib paring Table ACTION 1. 5-AA 2. AJAA Accept 2. A-15 = Table is Evild by LR(0) country 0 -> State onthe stade - 72 Y2

STACK	Inputshing	ACTION
0	aabb\$	SHIFT
	abb\$	SLIFT
0 0 3	166 ¢	suite.
00303	6\$	reduc(v3) A> b reduc(v3) A> b reduc(v3) A> a > Lymu2 So Four
0 0 3 3 3 84	6\$	reductra) ATAM SOFOUT
0 a 3 d \$ A 6 A	64	Leger 25 Lobelson
04344	b \$	Shift
0A2		reduc (Y3) A>b
0A2 × 4A 8	\$	redu(M) S+AA
OAZIAS	1 4	Accept
031	1 7	