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1RV18CS038

Experiment No-1(b)

Write a YACC program to recognize strings of the given form i.e a n b n+m c m , n,m>=0

Step1- Write the Lex Part to identify the Tokens

Step2-Declare the variables

Step3- Write a CFG to generate the strings of the form given and convert it to a YACC

program

Step4– Write down the Auxiliary procedures

lex program

%{

#include "y.tab.h"

%}

%%

"a" {return 'a';}

"b" {return 'b';}

"c" {return 'c';}

.return yytext[0];

\n return 0;

%%

yacc program

%{

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

%}

%%

S:A B

|

;

A:'a'A'b'

|

;

B:'b'B'c'

|

;

%%

int main()

{

yyparse();

printf("\n Valid String\n");

}

int yyerror()

{

printf("INVALID!!!\n");

exit(0);

}

