2. Develop, Implement and execute a program using YACC tool to recognize all strings ending with **b** preceded by **n a's** using the grammar **a n b**.

```
%{
#include "y.tab.h"
%}

%%
a           {return A;}
b           {return B;}
[\n]        {return '\n';}
%%
```

```
%{
#include<stdio.h>
#include<stdlib.h>
%}

%token A B

%%
input:s'\n'      {printf("Successful Grammar\n");exit(0);}
s: A s1 B| B
s1: ;
| A s1
%%

int main()
{
 printf("Enter A String\n");
yyparse();
return 0;
}

int yyerror()
{
 printf("Error \n");
exit(0);
 }
```