

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 anb (note: input n value)

```
%{  
#include "lex.yy.c"  
%}  
%token A B  
%%  
s : B  
| A s1 B  
;  
s1: A s1  
|  
;  
%%
```

```
main()  
{  
printf("Enter the string: ");  
yyparse();  
printf("Valid string\n");  
}  
int yyerror()  
{  
printf("Invalid string\n"); exit(0);  
}
```

```
%{ /*Lexpgm*/  
#include "y.tab.h"  
%}  
%%
```

```
a  return A;  
b  return B;  
\n  return(0);  
.  yyerror();  
%%
```

Enter the string: aaaaab

Valid string