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/******
```

**EXPERIEMENT NO** : 08 (GROUP – B)

**TITL** : Write a program using YACC specifications to implement syntax analysis phase of compiler to recognize simple and compound sentences given in input file.

**NAME** : PROF. ANAND N. GHARU

**ROLL NO** :

**CLASS** : TE COMPUTER **DATE** : 04/01/2018

```
*****/
```

```
%option noyywrap
```

```
%{  
char test='s';  
%}
```

```
%%  
("[aA][nN][dD]" | "[oO][rR]" | "[bB][uU][tT]") {test='c';}  
. {;}  
\n return 0;  
%%
```

```
main()  
{  
yylex();  
if(test=='s')  
    printf("\n Its a simple sentence");  
else if(test=='c')  
    printf("\n This is compound sentence");  
}
```

## //OUTPUT

```
C:\>cd GnuWin32
```

```
C:\GnuWin32>cd bin
```

```
C:\GnuWin32\bin>flex com.l
```

```
C:\GnuWin32\bin>gcc lex.yy.c
```

```
C:\GnuWin32\bin>a.exe  
this is PVG and welcome to PVGCOE
```

This is **compound sentence**

```
C:\GnuWin32\bin>a.exe  
welcome to pvg
```

Its a **simple sentence**

```
C:\GnuWin32\bin>
```

