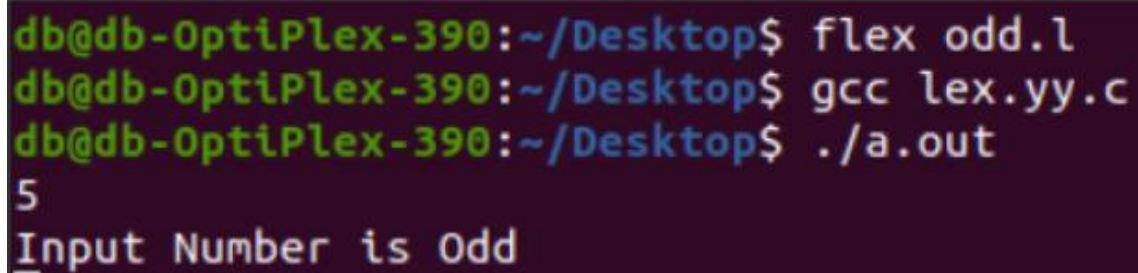


**Name :Aditi Vinaykumar Patil.**

**Batch :T4 Div :B**

```
% {  
  
int i;  
  
% }  
  
%%  
  
[0-9]+ {i = atoi(yytext);  
  
if(i%2==0)  
  
printf("Input Number is Even");  
  
else  
  
printf("Input Number is Odd");  
  
};  
  
%%  
  
int main()  
  
{  
  
yylex();  
  
return 1;  
  
}
```

**Output :**



```
db@db-OptiPlex-390:~/Desktop$ flex odd.l  
db@db-OptiPlex-390:~/Desktop$ gcc lex.yy.c  
db@db-OptiPlex-390:~/Desktop$ ./a.out  
5  
Input Number is Odd
```