WEEK-3

(1BM21CS234)

Write a program in LEX to recognize Floating Point Numbers.

Code:
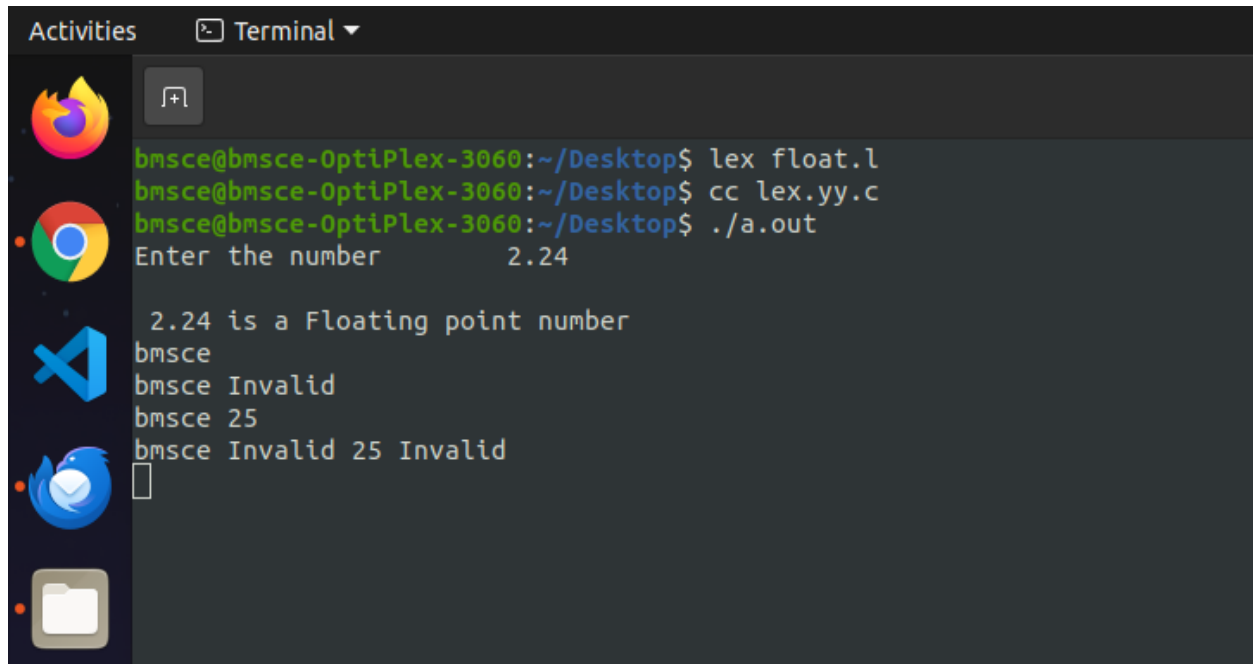```
%{
#include<stdio.h>
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%}

%%
^[-+]?[0-9]*[.][0-9]+$ {printf("\n %s is a Floating point number",yytext);}
[a-zA-Z]*|[a-zA-Z0-9]* {printf("%s Invalid",yytext);}
%%

int yywrap(){
}

int main(){
printf("Enter the number\t");
yylex();
return 0;
}
```

**Output:**