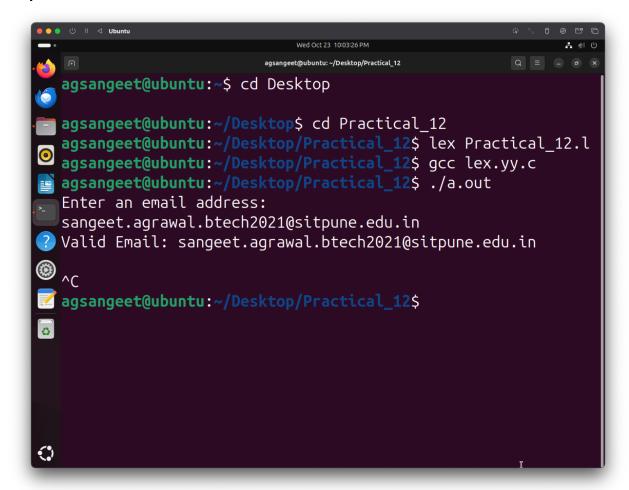


Code for LEX:

```
%{
#include <stdio.h>
void yyerror(const char *s);
%}
%%
^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$ { printf("Valid Email:
%s\n", yytext); }
                                                    { printf("Invalid
Email: %s\n", yytext); }
%%
int main() {
    printf("Enter an email address:\n");
    yylex();
    return 0;
}
int yywrap(){
return 1;
}
void yyerror(const char *s) {
    printf("Error: %s\n", s);
}
```

Output:



* Condession: Thus, we have succenfully implemented the email sheller through the LEX.