lex.l SIT/SEM-5/CC/Practical-4/lex.l

```
//Ayush Mahajan, 23070521027
%{
    #include <stdio.h>

    char convertCase(char c){
        if (c ≥ 'a' && c ≤ 'z'){
            return c - 'a' + 'A';
        } else if (c ≥ 'A' && c ≤ 'Z'){
            return c - 'A' + 'a';
        }
        return c;
    }

%}

%%
[a-zA-z] { putchar(convertCase(yytext[0])); }
.        { putchar(yytext[0]);}
%%

int main(){
    yylex();
    return 0;
}

int yywrap(){
    return 1;
}
```

```
zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC$ cd ./Practical-4/ && ls
lex.l
zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-4$ flex lex.l
zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-4$ gcc lex.yy.c -o convertCase -ll
zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-4$ ./convertCase
tHIS IS AN EXAMPLE TEXT
This is an example text
apples are RED
APPLES ARE red
zeph@Zephyrx0:~/Documents/SIT/SEM-5/CC/Practical-4$
```