

Sample lex program to accept "NITK/Nitk/nitk" string only

```
%{
    #include <stdio.h>
    int global_variable;
}%

%%

"NITK"|"Nitk"|"nitk" { printf("Accepted"); }
[a-zA-Z]+             { printf("Not Accepted"); }

%%

int main()
{
    printf("Please enter the String \n ");
    yylex();
}
```

```
itadmin@hp-pro-600g5-58:~$ gedit 1.l
itadmin@hp-pro-600g5-58:~$ lex 1.l
itadmin@hp-pro-600g5-58:~$ cc lex.yy.c -ll
itadmin@hp-pro-600g5-58:~$ ./a.out
Please enter the String
NIT
Not Accepted
```

```
itadmin@hp-pro-600g5-58:~$ lex 1.1
itadmin@hp-pro-600g5-58:~$ cc lex.yy.c -ll
itadmin@hp-pro-600g5-58:~$ ./a.out
Please enter the String
  NITK
Accepted
```

```
itadmin@hp-pro-600g5-58:~$ ./a.out
Please enter the String
  Nitk
Accepted
```

```
itadmin@hp-pro-600g5-58:~$ ./a.out
Please enter the String
  nitk
Accepted
```

```
itadmin@hp-pro-600g5-58:~$ ./a.out
Please enter the String
  NITk
Not Accepted
```

```
itadmin@hp-pro-600g5-58:~$ ./a.out
Please enter the String
  nITk
Not Accepted
```