

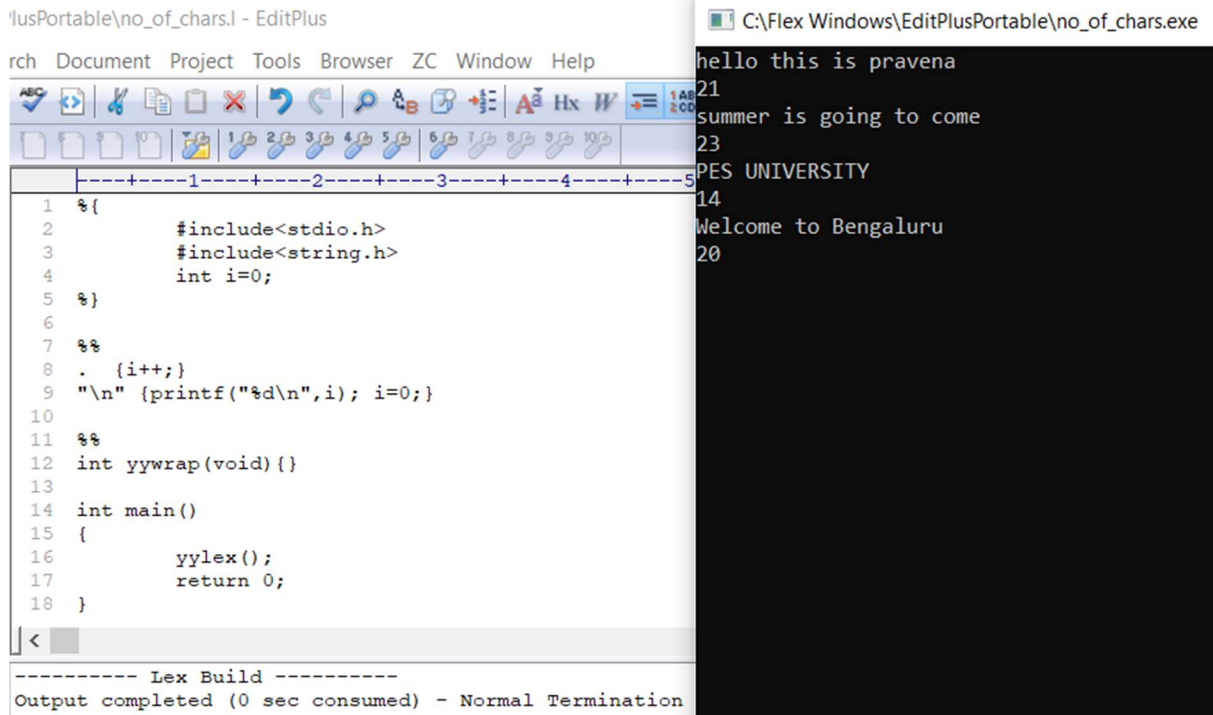
Compiler Design Lab

Name – B Pravena

Section – B

SRN – PES2UG19CS076

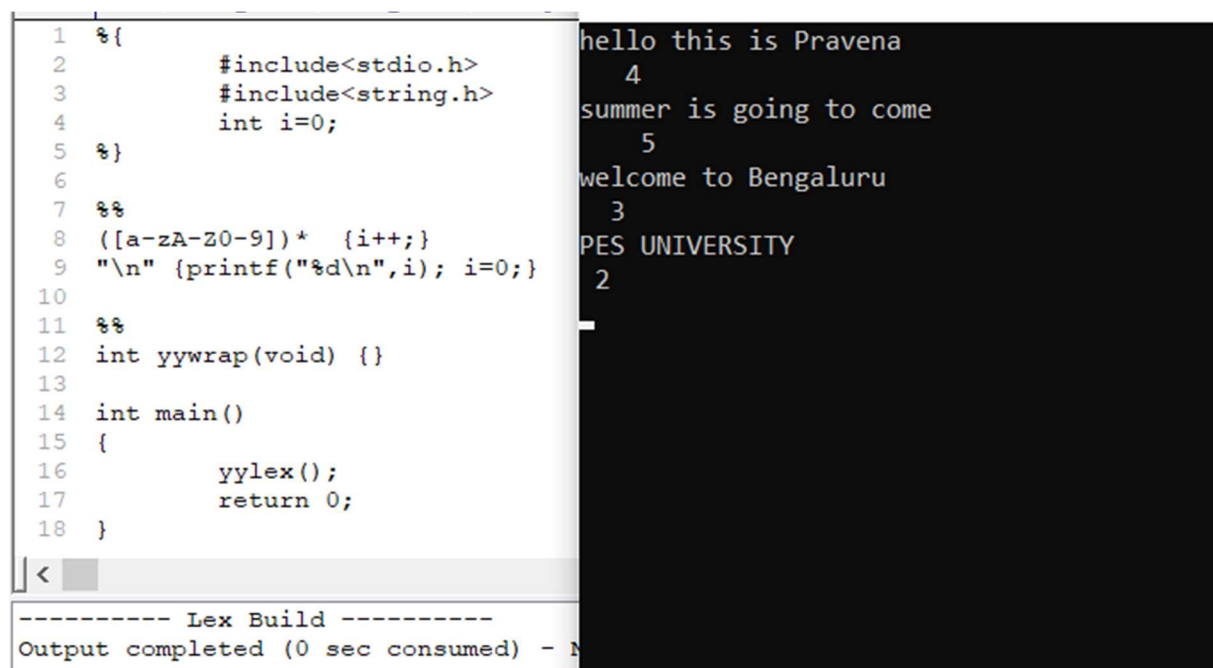
1) Flex program to count number of characters.



```
!\\usPortable\\no_of_chars.l - EditPlus
rch Document Project Tools Browser ZC Window Help
1  %{
2      #include<stdio.h>
3      #include<string.h>
4      int i=0;
5  }
6
7  %%
8  . {i++;}
9  "\\n" {printf("%d\\n",i); i=0;}
10
11 %%
12 int yywrap(void) {}
13
14 int main()
15 {
16     yylex();
17     return 0;
18 }
----- Lex Build -----
Output completed (0 sec consumed) - Normal Termination
```

```
C:\Flex Windows\EditPlusPortable\nof_chars.exe
hello this is pravena
21
summer is going to come
23
PES UNIVERSITY
14
Welcome to Bengaluru
20
```

2) Flex program to count number of words.



```
1  %{
2      #include<stdio.h>
3      #include<string.h>
4      int i=0;
5  }
6
7  %%
8  ([a-zA-Z0-9])* {i++;}
9  "\\n" {printf("%d\\n",i); i=0;}
10
11 %%
12 int yywrap(void) {}
13
14 int main()
15 {
16     yylex();
17     return 0;
18 }
----- Lex Build -----
Output completed (0 sec consumed) - N
```

```
hello this is Pravena
4
summer is going to come
5
welcome to Bengaluru
3
PES UNIVERSITY
2
```