

Exp. No. 22

Write a LEX program to identify the capital words from the given input.

Program: (capital.l)

```
%%
```

```
[A-Z]+[\t\n ] { printf("%s is a capital word\n",yytext); }
```

```
. ;
```

```
%%
```

```
int main( )
```

```
{
```

```
    printf("Enter String :\n");
```

```
    yylex();
```

```
}
```

```
int yywrap( )
```

```
{
```

```
    return 1;
```

```
}
```

INPUT:

CAPITAL of INDIA is DELHI

OUTPUT:

```
Microsoft Windows [Version 10.0.22621.2715]
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C:\Users\Deepak>d:

D:\>cd Slots

D:\Slots>cd Compiler design

D:\Slots\Compiler Design>flex Ex7CapitalLetters.l

D:\Slots\Compiler Design>gcc lex.yy.c

D:\Slots\Compiler Design>a.exe Ex7Capitalaletters.c
Enter String :
CAPITAL of INDIA is DELHI
CAPITAL is a capital word
INDIA is a capital word
DELHI
is a capital word
|
```