

## **Exp. No. 32**

*Write a LEX program to check whether the given input is digit or not.*

**Program: (digit\_or\_not.l)**

```
%%  
[0-9]+ {printf("\nValid digit \n");}  
.* printf("\nInvalid digit\n");  
%%  
int yywrap(){}  
int main()  
{  
    yylex();  
    return 0;  
}
```

**INPUT:**

23

h53

**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 Ex17digitvalid.l  
  
D:\Slots\Compiler Design>gcc lex.yy.c  
  
D:\Slots\Compiler Design>a.exe  
23  
  
Valid digit  
  
h53  
  
Invalid digit  
  
|
```

