



Faculty of Technology and Engineering Computer Science and Engineering

Practical

Academic Year	:	2025-26	Semester	:	6
Course code	:	CSE312	Course name	:	Design of language processing

Practical - 4

Aim:

- Objective 1:** Write a program to identify and extract all numbers from input string and display them one by one in new line.
- Program (Code)**

```
%{
#include <stdio.h>
%
%%

[0-9]+ { printf("%s\n", yytext); }

. /* Ignore non-digit characters */

\n { return 0; }

%%

int yywrap() {
    return 1;
}

int main() {
    // printf("Enter a string (mix of text and numbers):\n");
    yylex();
    return 0;
}
```

3. Output (Screen Shot)

```
debdoottmanna@Mac.mshome.net ~ > College > Sem 6 by college > DLP > 4 ↵ main
> echo "a1b22c3" | ./objective1
1
22
3
debdoottmanna@Mac.mshome.net ~ > College > Sem 6 by college > DLP > 4 ↵ main
> echo "power operation -> 12 ** 3 = 1728" | ./objective1
12
3
1728
debdoottmanna@Mac.mshome.net ~ > College > Sem 6 by college > DLP > 4 ↵ main
> echo "You multiply 804569 with 1 then will be :" | ./objective1
804569
1
```