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:

1. **Objective 2:** Write a program to replace the word "charusat" with "university" in the input text.

2. **Program (Code)**

```
%{
#include <stdio.h>
%}
%%
[Cc][Hh][Aa][Rr][Uu][Ss][Aa][Tt]    { printf("university"); }
.                       { printf("%c", yytext[0]); }
\n                       { printf("\n"); return 0; }
%%

int yywrap() {
    return 1;
}
int main() {
    // printf("Enter text containing 'charusat':\n");
    yylex();
    return 0;
}
```

3. Output (Screen Shot)

```
 debdootmanna@Mac.mshome.net    ~  College  Sem 6 by college  DLP  4   main
 echo "This is charusat." | ./objective2
This is university.
 debdootmanna@Mac.mshome.net    ~  College  Sem 6 by college  DLP  4   main
 echo "Charusat is in Anand district." | ./objective2
university is in Anand district.
 debdootmanna@Mac.mshome.net    ~  College  Sem 6 by college  DLP  4   main
 echo "Charusat , What is charusat?" | ./objective2
university , What is university?
 debdootmanna@Mac.mshome.net    ~  College  Sem 6 by college  DLP  4   main
 echo "I am doing my BTech from CHARSAT." | ./objective2
I am doing my BTech from CHARSAT.
 debdootmanna@Mac.mshome.net    ~  College  Sem 6 by college  DLP  4   main
 echo "Every where it is charusat , charusat and only charusat." | ./objective2
Every where it is university , university and only university.
```