%{

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

char alphabetList[1000] = "";

char numberList[1000] = "";

%}

%%

[0-9]+ { strcat(numberList, yytext); }

[a-zA-Z]+ { strcat(alphabetList, yytext); }

. { printf("Invalid input: %s\n", yytext); }

%%

int yywrap() {

printf("Alphabets: %s\n", alphabetList);

printf("Numbers: %s\n", numberList);

return 1;

}

int main() {

char input[100];

printf("Enter the input: ");

fgets(input, sizeof(input), stdin);

yy\_scan\_string(input);

yylex();

return 0;

}

