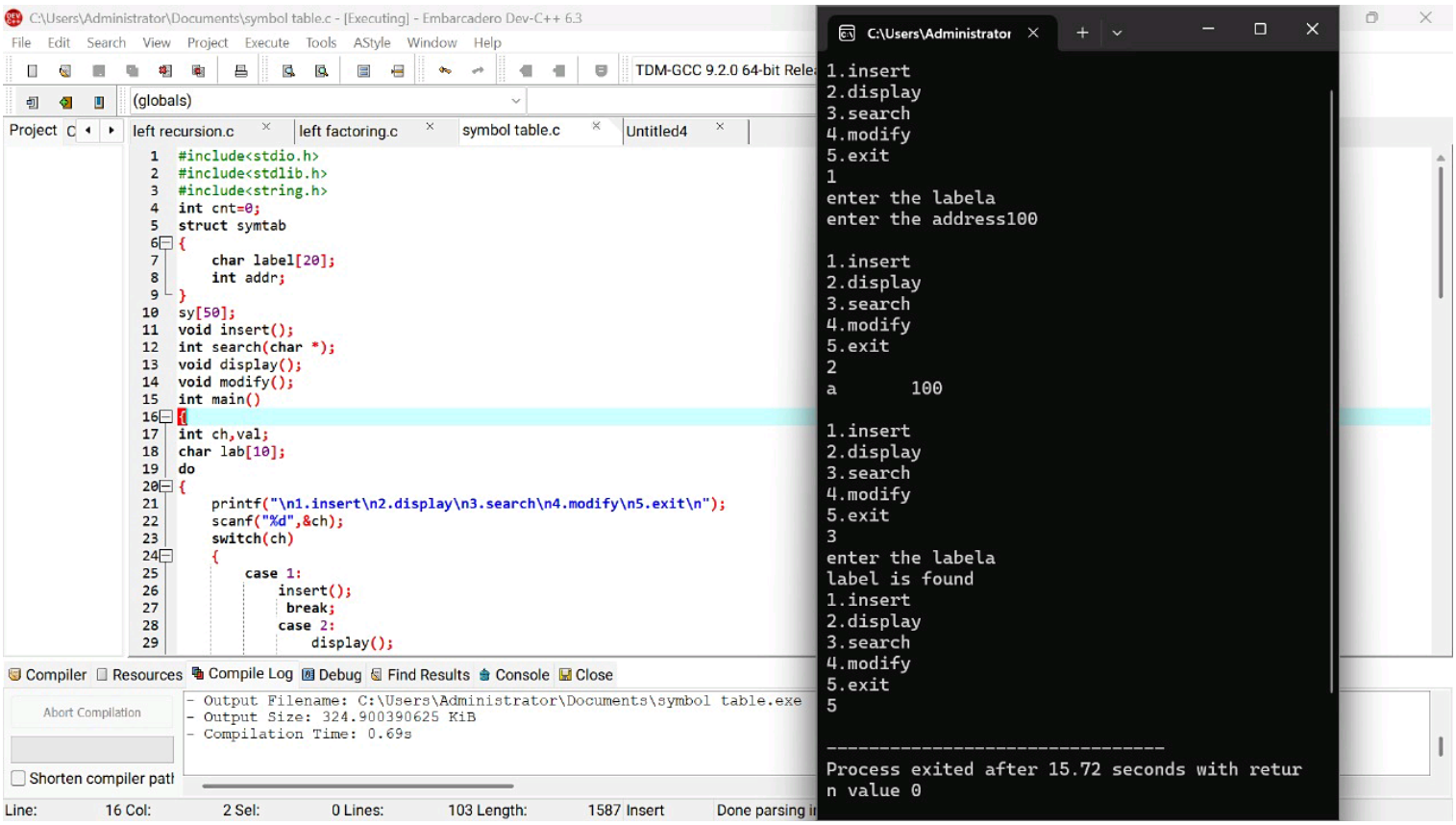
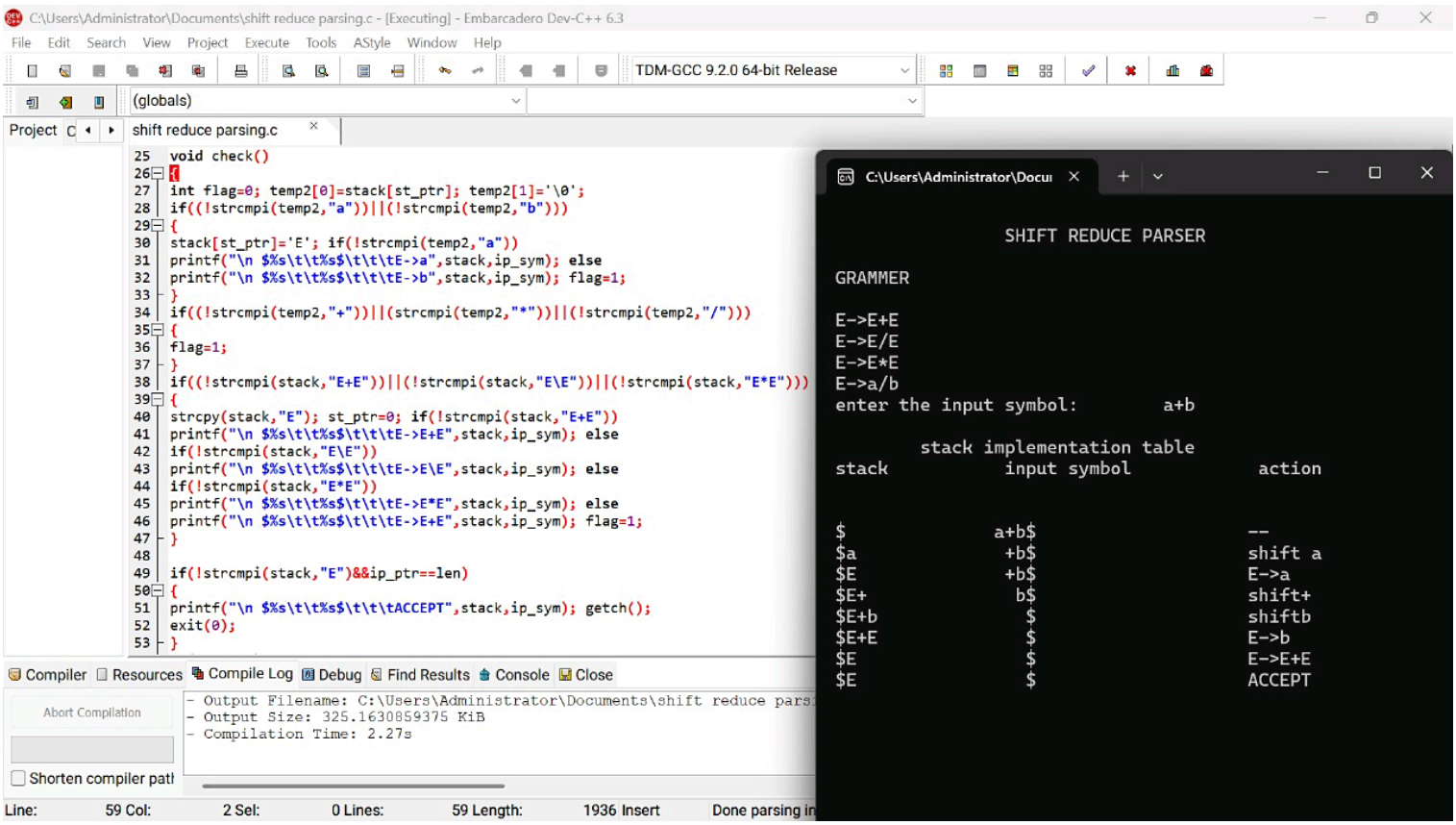
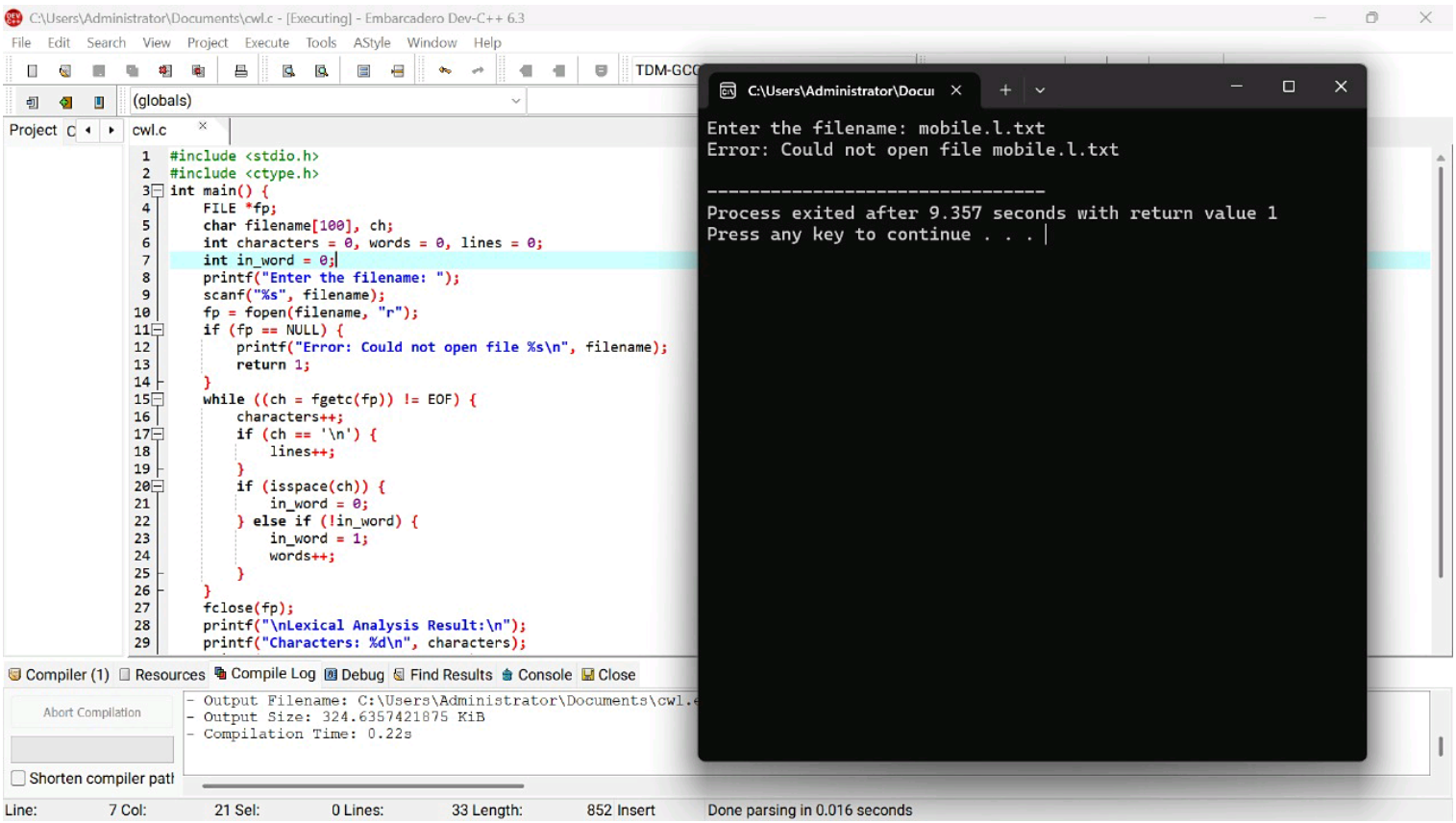
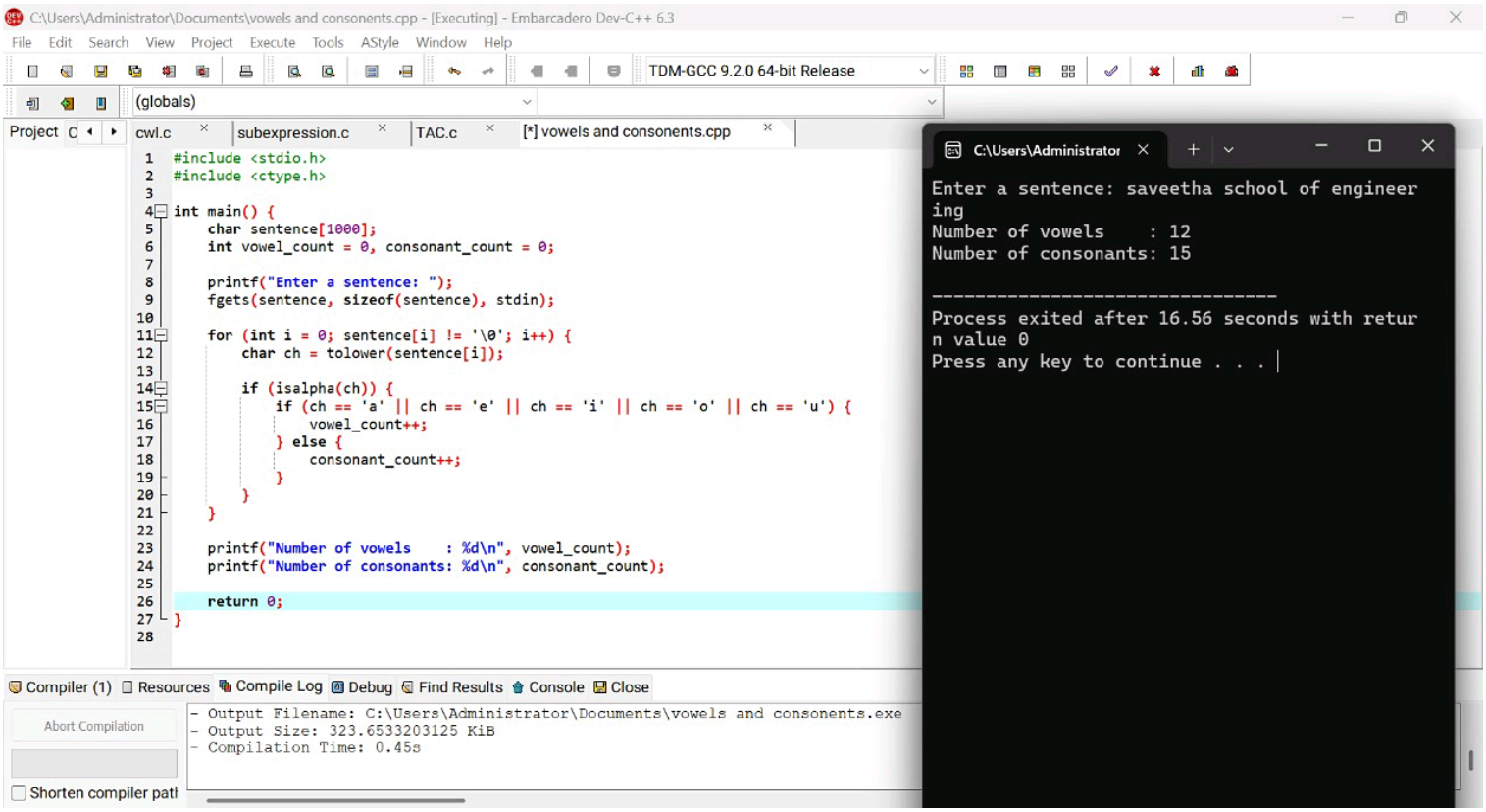
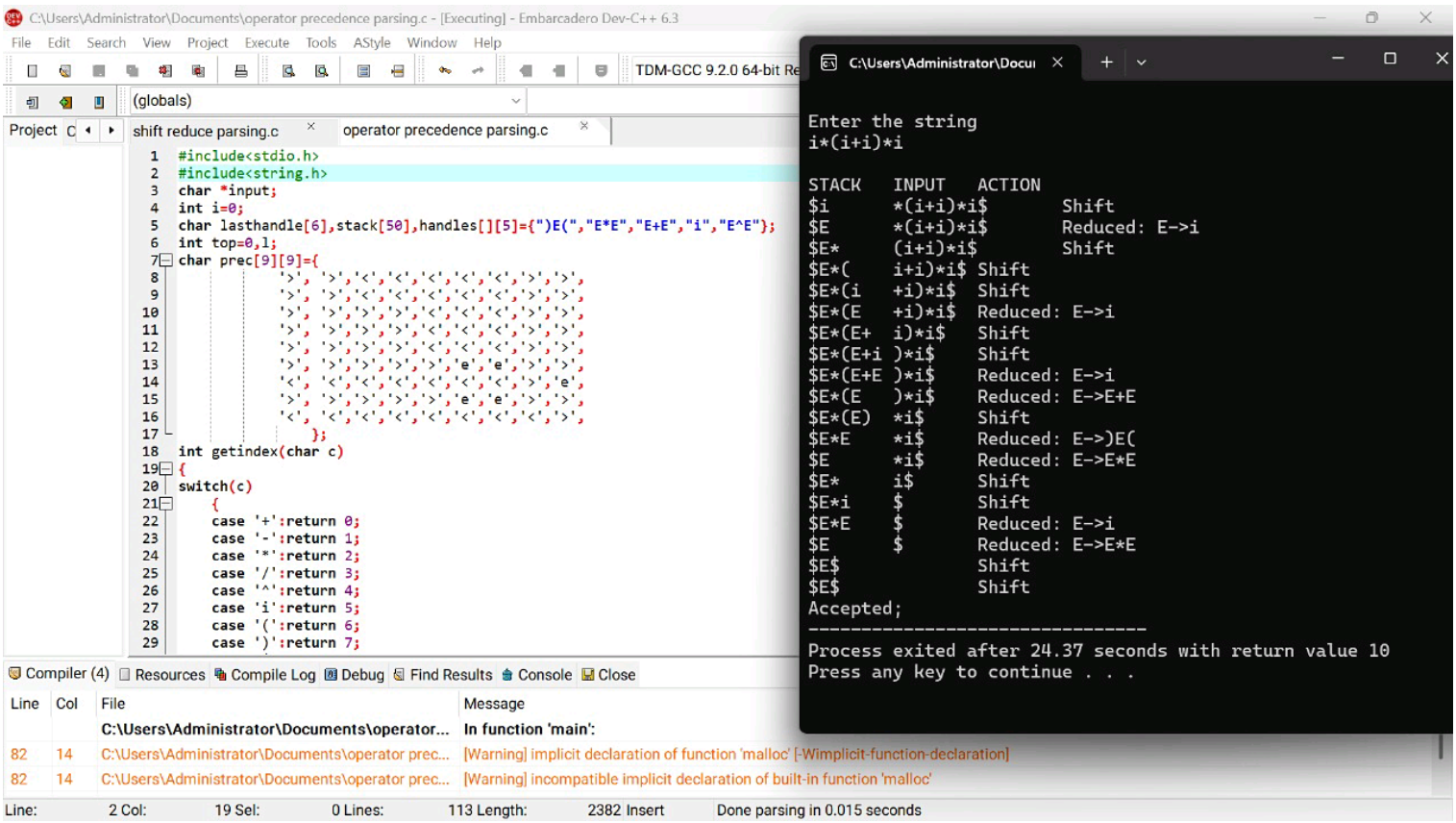
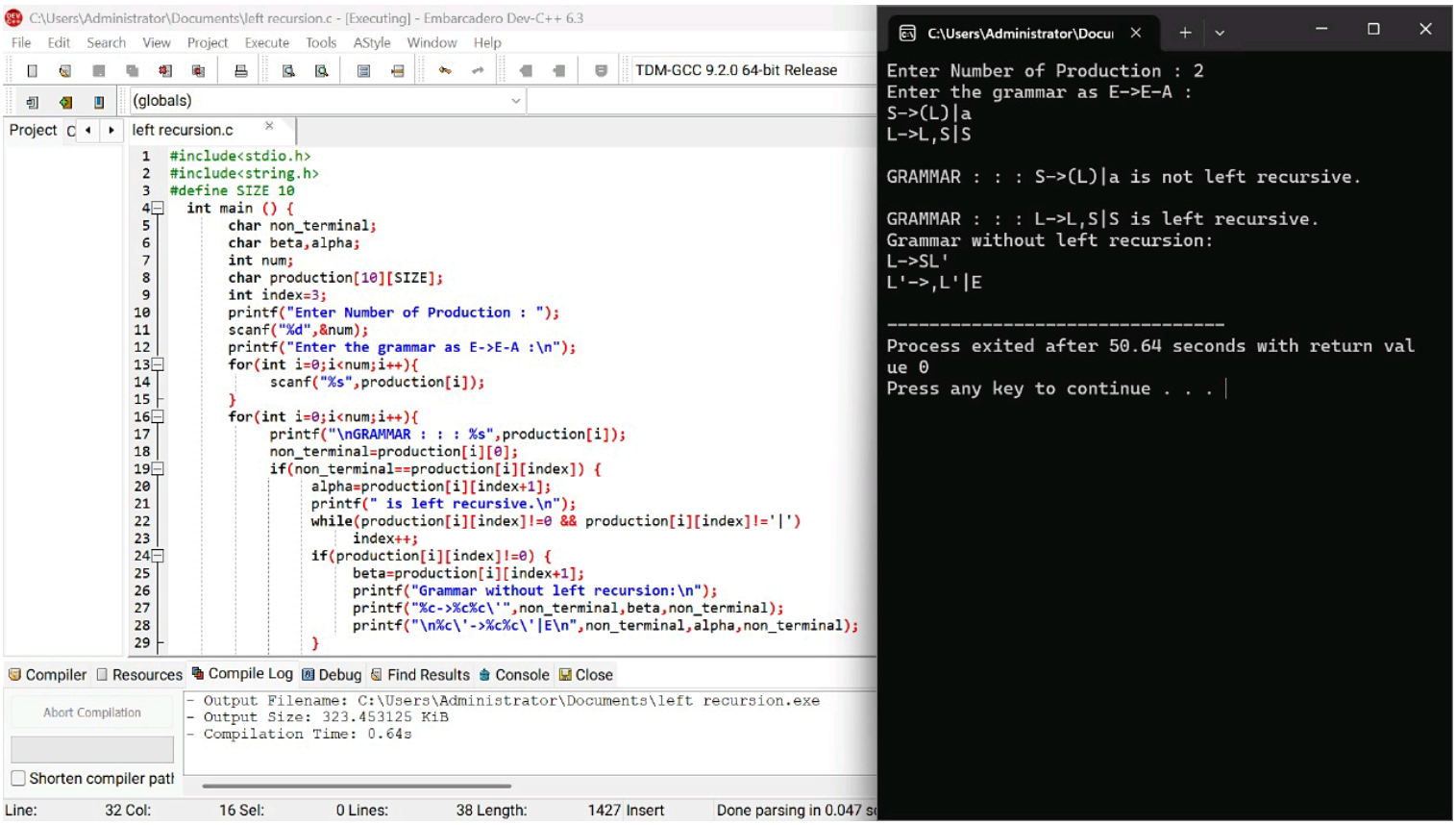

C:\Users\Administrator\Documents\symbol table.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Rele
(globals)
Project
left recursion.c
left factoring.c
symbol table.c
Untitled4
#include<stdio.h>
#include<stdlib.h>
#include<string.h>
int cnt=0;
struct symtab
{
char label[20];
int addr;
}
sy[50];
void insert();
int search(char *);
void display();
void modify();
int main()
{
int ch,val;
char lab[10];
do
{
printf("\n1.insert\n2.display\n3.search\n4.modify\n5.exit\n");
scanf("%d",&ch);
switch(ch)
{
case 1:
insert();
break;
case 2:
display();
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler path
- Output Filename: C:\Users\Administrator\Documents\symbol table.exe
- Output Size: 324.900390625 KiB
- Compilation Time: 0.69s
Line: 16 Col: 2 Sel: 0 Lines: 103 Length: 1587 Insert
C:\Users\Administrator
1.insert
2.display
3.search
4.modify
5.exit
1
enter the labela
enter the address100
1.insert
2.display
3.search
4.modify
5.exit
2
a 100
1.insert
2.display
3.search
4.modify
5.exit
3
enter the labela
label is found
1.insert
2.display
3.search
4.modify
5.exit
5
Process exited after 15.72 seconds with retur
n value 0

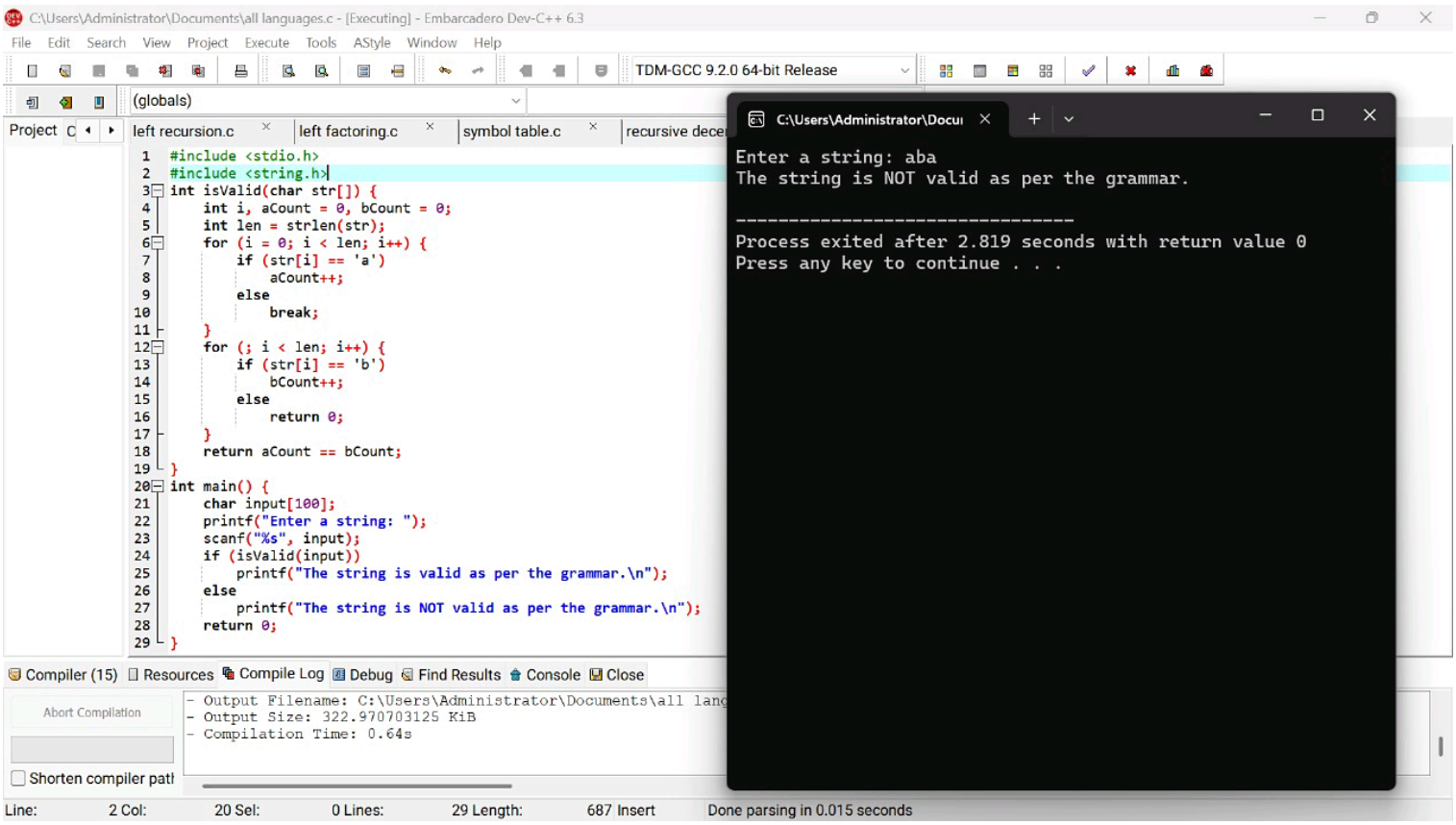

C:\Users\Administrator\Documents\shift reduce parsing.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
shift reduce parsing.c
25 void check()
26 {
27 int flag=0; temp2[0]=stack[st_ptr]; temp2[1]='\0';
28 if((!strcmpi(temp2,"a"))||(!strcmpi(temp2,"b")))
29 {
30 stack[st_ptr]='E'; if(!strcmpi(temp2,"a"))
31 printf("\n $%s\t\t%s$\t\t\tE->a",stack,ip_sym); else
32 printf("\n $%s\t\t%s$\t\t\tE->b",stack,ip_sym); flag=1;
33 }
34 if((!strcmpi(temp2,"+"))||(strcmpi(temp2,"*"))||(!strcmpi(temp2,"/")))
35 {
36 flag=1;
37 }
38 if((!strcmpi(stack,"E+E"))||(!strcmpi(stack,"E\E"))||(!strcmpi(stack,"E*E")))
39 {
40 strcpy(stack,"E"); st_ptr=0; if(!strcmpi(stack,"E+E"))
41 printf("\n $%s\t\t%s$\t\t\tE->E+E",stack,ip_sym); else
42 if(!strcmpi(stack,"E\E"))
43 printf("\n $%s\t\t%s$\t\t\tE->E\E",stack,ip_sym); else
44 if(!strcmpi(stack,"E*E"))
45 printf("\n $%s\t\t%s$\t\t\tE->E*E",stack,ip_sym); else
46 printf("\n $%s\t\t%s$\t\t\tE->E+E",stack,ip_sym); flag=1;
47 }
48
49 if(!strcmpi(stack,"E")&&ip_ptr==len)
50 {
51 printf("\n $%s\t\t%s$\t\t\tACCEPT",stack,ip_sym); getch();
52 exit(0);
53 }
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
- Output Filename: C:\Users\Administrator\Documents\shift reduce pars
- Output Size: 325.1630859375 KiB
- Compilation Time: 2.27s
Shorten compiler path
Line: 59 Col: 2 Sel: 0 Lines: 59 Length: 1936 Insert Done parsing in
C:\Users\Administrator\Docu
SHIFT REDUCE PARSER
GRAMMER
E->E+E
E->E/E
E->E*E
E->a/b
enter the input symbol: a+b
stack implementation table
stack input symbol action
$ a+b$ --
$a +b$ shift a
$E +b$ E->a
$E+ b$ shift+
$E+b $ shiftb
$E+E $ E->b
$E $ E->E+E
$E $ ACCEPT

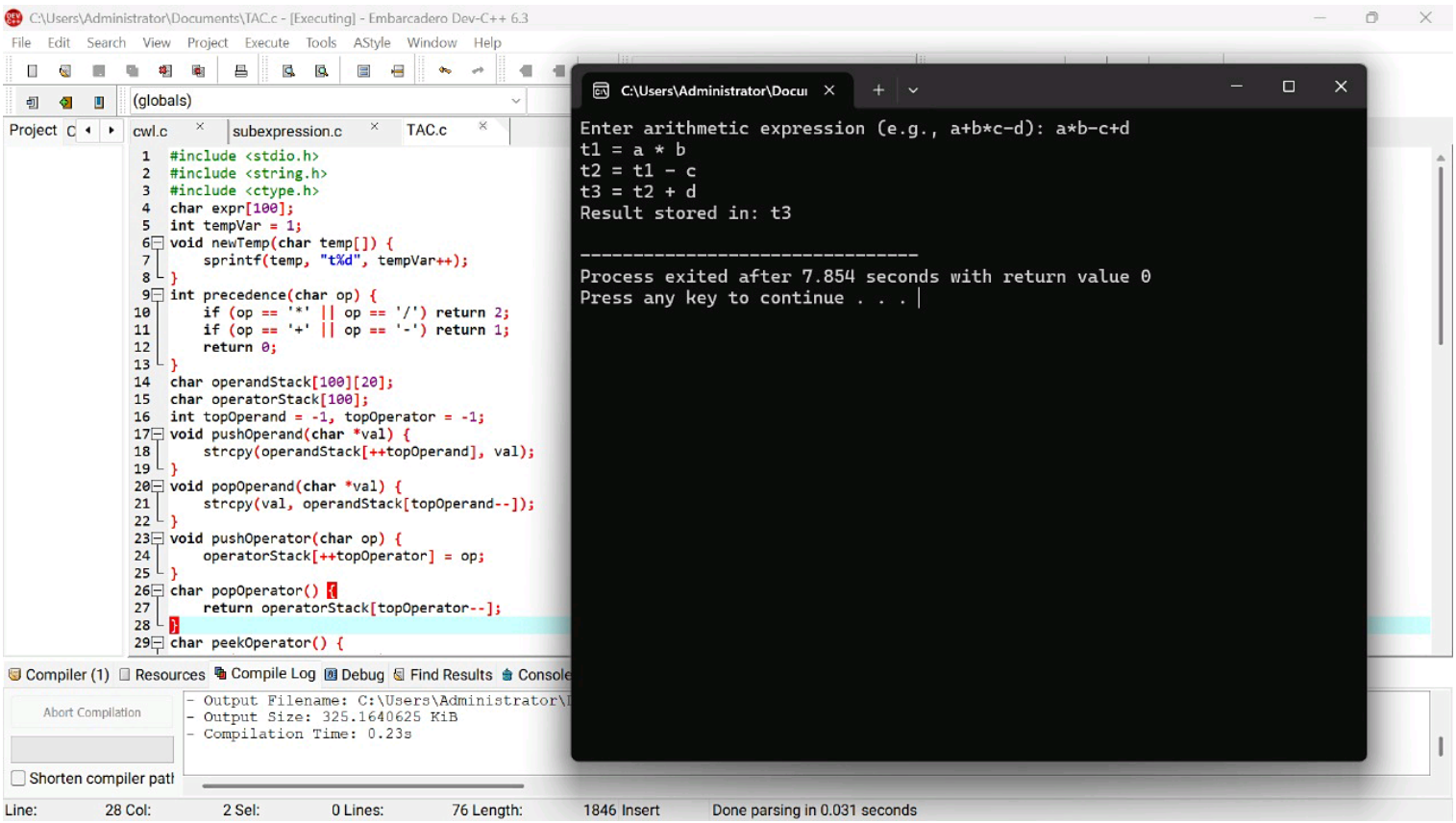

C:\Users\Administrator\Documents\cwl.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project
cwl.c
#include <stdio.h>
#include <ctype.h>
int main() {
FILE *fp;
char filename[100], ch;
int characters = 0, words = 0, lines = 0;
int in_word = 0;
printf("Enter the filename: ");
scanf("%s", filename);
fp = fopen(filename, "r");
if (fp == NULL) {
printf("Error: Could not open file %s\n", filename);
return 1;
}
while ((ch = fgetc(fp)) != EOF) {
characters++;
if (ch == '\n') {
lines++;
}
if (isspace(ch)) {
in_word = 0;
} else if (!in_word) {
in_word = 1;
words++;
}
}
fclose(fp);
printf("\nLexical Analysis Result:\n");
printf("Characters: %d\n", characters);
C:\Users\Administrator\Docu
Enter the filename: mobile.l.txt
Error: Could not open file mobile.l.txt
Process exited after 9.357 seconds with return value 1
Press any key to continue . . .
Compiler (1) Resources Compile Log Debug Find Results Console Close
Abort Compilation
- Output Filename: C:\Users\Administrator\Documents\cwl.
- Output Size: 324.6357421875 KiB
- Compilation Time: 0.22s
Shorten compiler path
Line: 7 Col: 21 Sel: 0 Lines: 33 Length: 852 Insert
Done parsing in 0.016 seconds

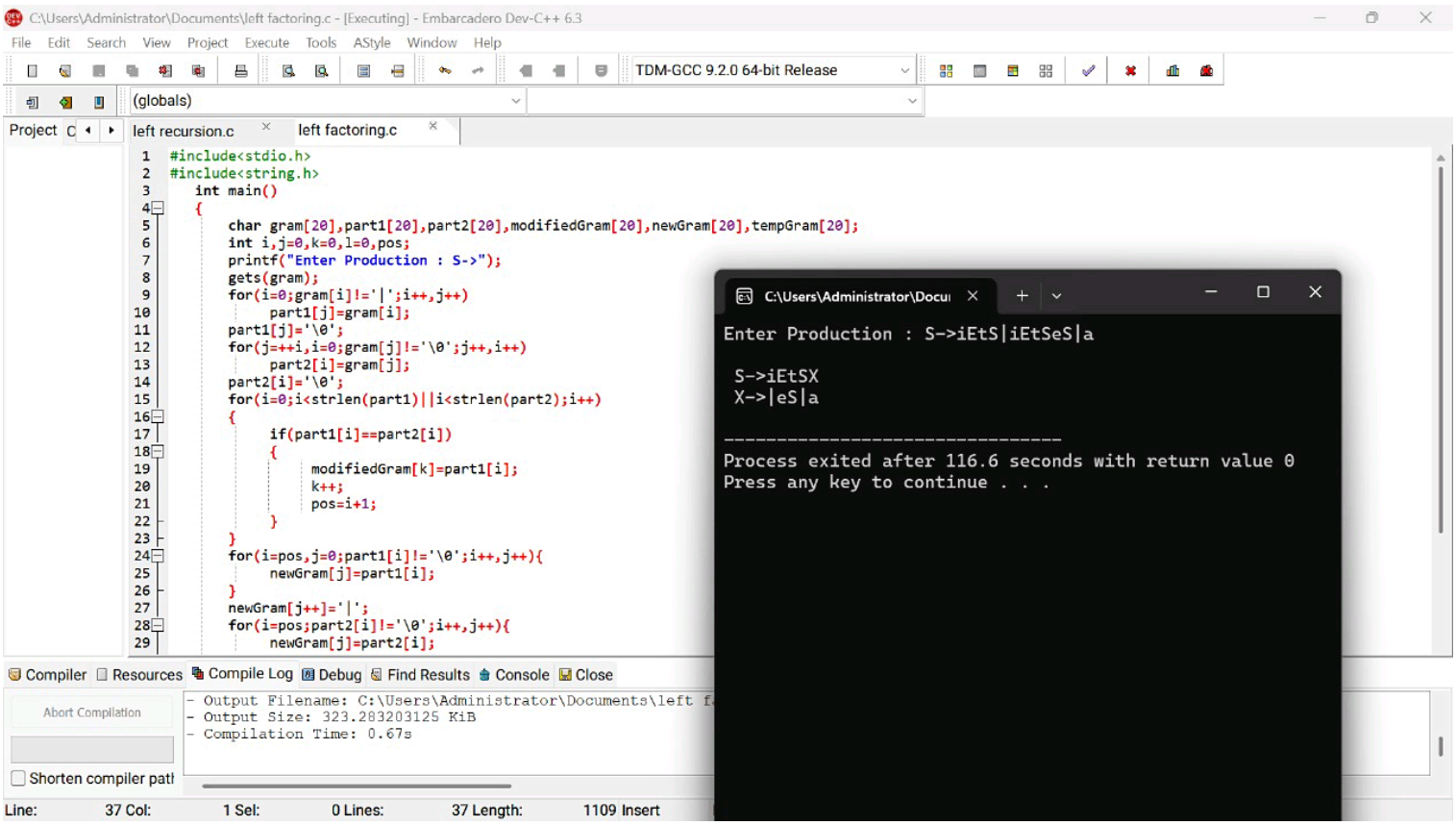

C:\Users\Administrator\Documents\vowels and consonents.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
cwl.c
subexpression.c
TAC.c
[*] vowels and consonents.cpp
#include <stdio.h>
#include <ctype.h>
int main() {
char sentence[1000];
int vowel_count = 0, consonant_count = 0;
printf("Enter a sentence: ");
fgets(sentence, sizeof(sentence), stdin);
for (int i = 0; sentence[i] != '\0'; i++) {
char ch = tolower(sentence[i]);
if (isalpha(ch)) {
if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u') {
vowel_count++;
} else {
consonant_count++;
}
}
}
printf("Number of vowels : %d\n", vowel_count);
printf("Number of consonants: %d\n", consonant_count);
return 0;
}
Compiler (1) Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler path
- Output Filename: C:\Users\Administrator\Documents\vowels and consonents.exe
- Output Size: 323.6533203125 KiB
- Compilation Time: 0.45s
C:\Users\Administrator
Enter a sentence: saveetha school of engineering
Number of vowels : 12
Number of consonants: 15
Process exited after 16.56 seconds with return value 0
Press any key to continue . . .

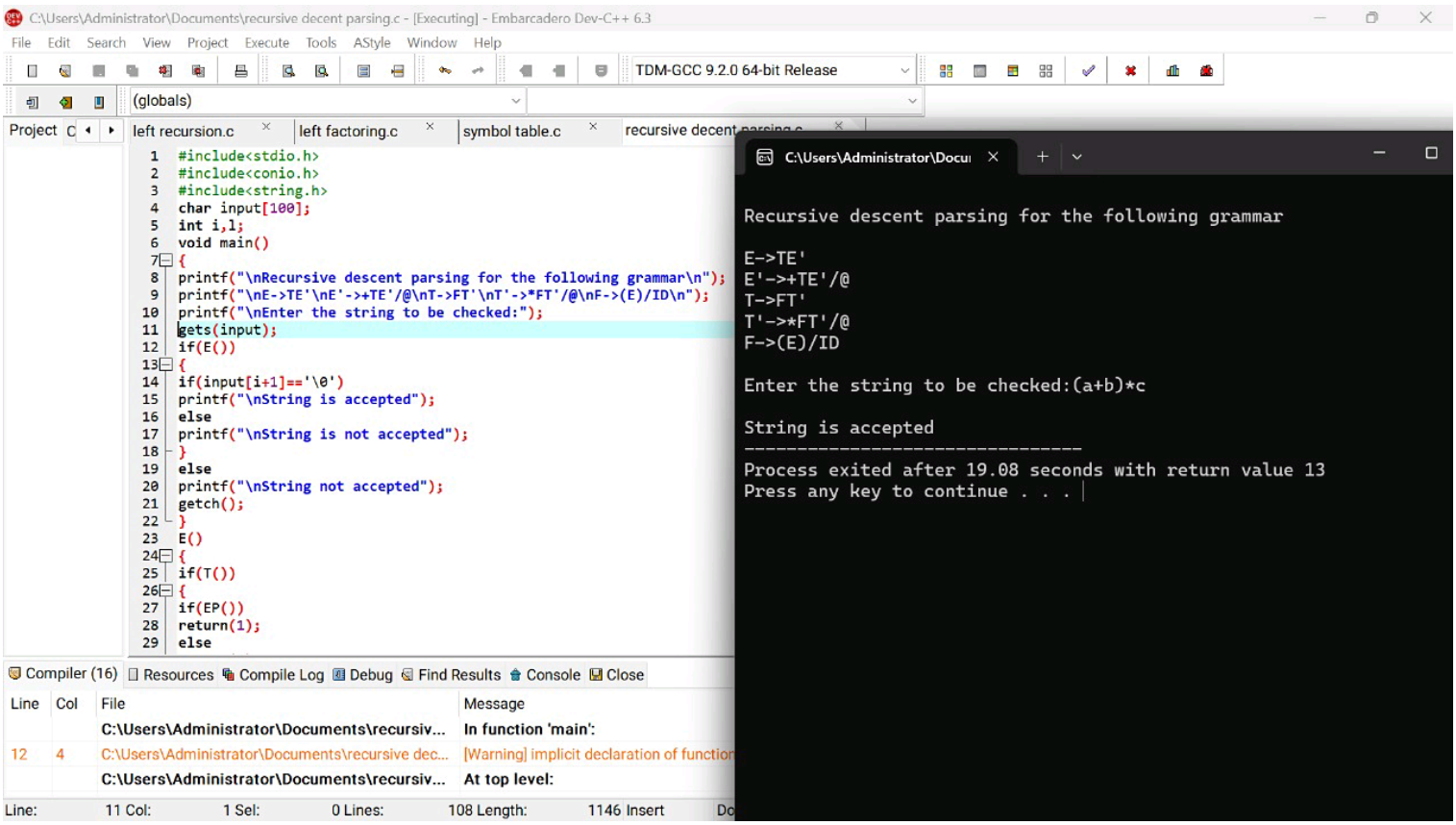

C:\Users\Administrator\Documents\operator precedence parsing.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Re
(globals)
Project C
shift reduce parsing.c
operator precedence parsing.c
#include<stdio.h>
#include<string.h>
char *input;
int i=0;
char lasthandle[6],stack[50],handles[][5]={")E(","E*E","E+E","i","E^E"};
int top=0,l;
char prec[9][9]={
'>', '>','<','<','<','<','<','>','>',
'>', '>','<','<','<','<','<','>','>',
'>', '>','>','>','<','<','<','>','>',
'>', '>','>','>','<','<','<','>','>',
'>', '>','>','>','>','<','<','>','>',
'>', '>','>','>','>','e','e','>','>',
'<', '<','<','<','<','<','<','>','e',
'>', '>','>','>','>','e','e','>','>',
'<', '<','<','<','<','<','<','<','>',
};
int getindex(char c)
{
switch(c)
{
case '+':return 0;
case '-':return 1;
case '*':return 2;
case '/':return 3;
case '^':return 4;
case 'i':return 5;
case '(':return 6;
case ')':return 7;
Compiler (4) Resources Compile Log Debug Find Results Console Close
Line Col File Message
C:\Users\Administrator\Documents\operator... In function 'main':
82 14 C:\Users\Administrator\Documents\operator prec... [Warning] implicit declaration of function 'malloc' [-Wimplicit-function-declaration]
82 14 C:\Users\Administrator\Documents\operator prec... [Warning] incompatible implicit declaration of built-in function 'malloc'
Line: 2 Col: 19 Sel: 0 Lines: 113 Length: 2382 Insert Done parsing in 0.015 seconds
C:\Users\Administrator\Docu
Enter the string
i*(i+i)*i
STACK INPUT ACTION
$i *(i+i)*i$ Shift
$E *(i+i)*i$ Reduced: E->i
$E* (i+i)*i$ Shift
$E*(i+i)*i$ Shift
$E*(i +i)*i$ Shift
$E*(E +i)*i$ Reduced: E->i
$E*(E+ i)*i$ Shift
$E*(E+i)*i$ Shift
$E*(E+E)*i$ Reduced: E->i
$E*(E)*i$ Reduced: E->E+E
$E*(E) *i$ Shift
$E*E *i$ Reduced: E->)E(
$E *i$ Reduced: E->E*E
$E* i$ Shift
$E*i $ Shift
$E*E $ Reduced: E->i
$E $ Reduced: E->E*E
E Shift
E Shift
Accepted;
Process exited after 24.37 seconds with return value 10
Press any key to continue . . .

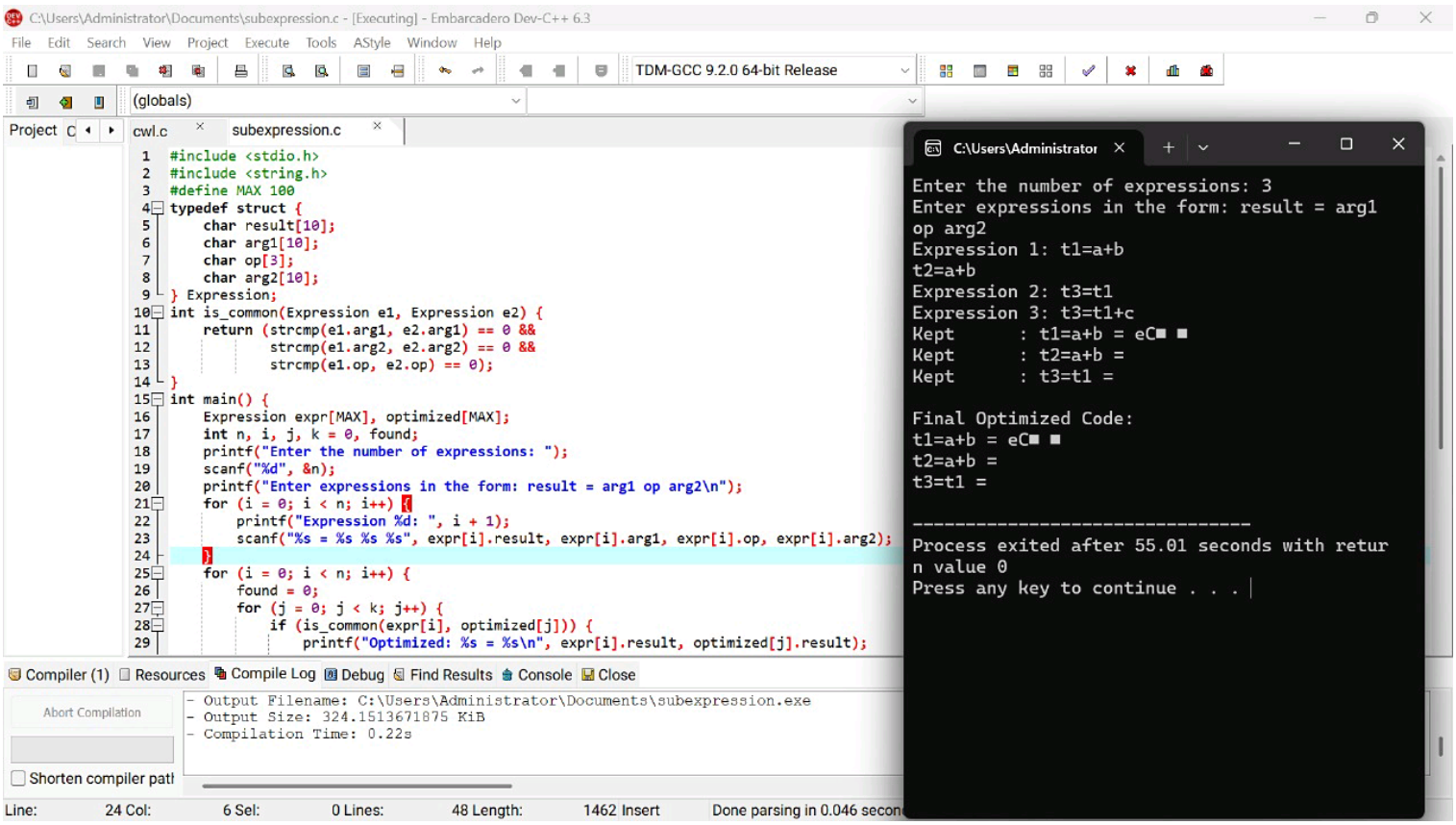

C:\Users\Administrator\Documents\left recursion.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
left recursion.c
#include<stdio.h>
#include<string.h>
#define SIZE 10
int main () {
char non_terminal;
char beta,alpha;
int num;
char production[10][SIZE];
int index=3;
printf("Enter Number of Production : ");
scanf("%d",&num);
printf("Enter the grammar as E->E-A :\n");
for(int i=0;i<num;i++){
scanf("%s",production[i]);
}
for(int i=0;i<num;i++){
printf("\nGRAMMAR : : : %s",production[i]);
non_terminal=production[i][0];
if(non_terminal==production[i][index]) {
alpha=production[i][index+1];
printf(" is left recursive.\n");
while(production[i][index]!=0 && production[i][index]!='|')
index++;
if(production[i][index]!=0) {
beta=production[i][index+1];
printf("Grammar without left recursion:\n");
printf("%c->%c%c\'",non_terminal,beta,non_terminal);
printf("\n%c\'->%c%c\'|E\n",non_terminal,alpha,non_terminal);
}
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
- Output Filename: C:\Users\Administrator\Documents\left recursion.exe
- Output Size: 323.453125 KiB
- Compilation Time: 0.64s
Shorten compiler path
Line: 32 Col: 16 Sel: 0 Lines: 38 Length: 1427 Insert
C:\Users\Administrator\Docu
Enter Number of Production : 2
Enter the grammar as E->E-A :
S->(L)|a
L->L,S|S
GRAMMAR : : : S->(L)|a is not left recursive.
GRAMMAR : : : L->L,S|S is left recursive.
Grammar without left recursion:
L->SL'
L'->,L'|E
Process exited after 50.64 seconds with return value 0
Press any key to continue . . .

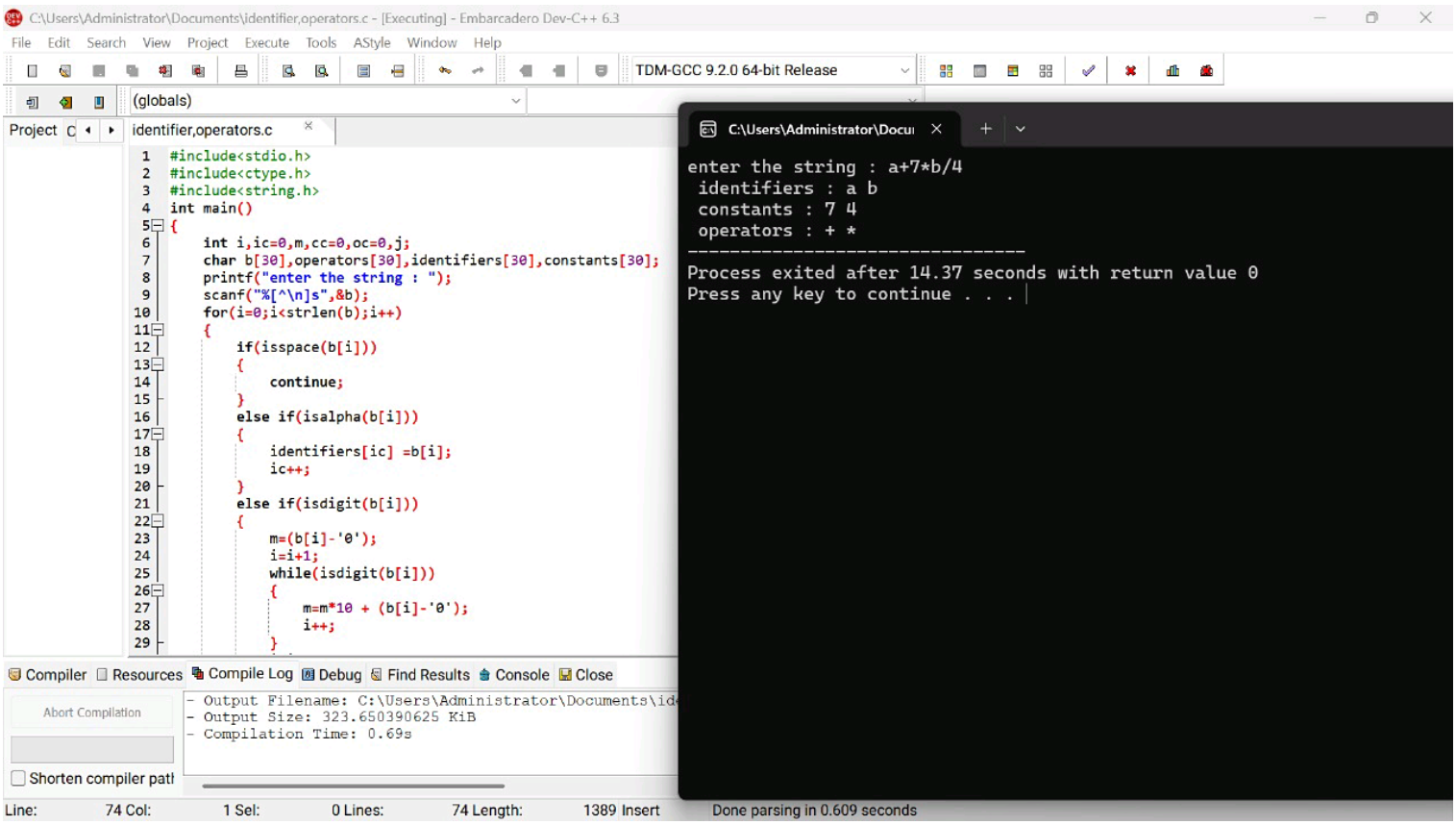

C:\Users\Administrator\Documents\all languages.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
left recursion.c
left factoring.c
symbol table.c
recursive dece
#include <stdio.h>
#include <string.h>
int isValid(char str[]) {
int i, aCount = 0, bCount = 0;
int len = strlen(str);
for (i = 0; i < len; i++) {
if (str[i] == 'a')
aCount++;
else
break;
}
for (; i < len; i++) {
if (str[i] == 'b')
bCount++;
else
return 0;
}
return aCount == bCount;
}
int main() {
char input[100];
printf("Enter a string: ");
scanf("%s", input);
if (isValid(input))
printf("The string is valid as per the grammar.\n");
else
printf("The string is NOT valid as per the grammar.\n");
return 0;
}
C:\Users\Administrator\Docu
Enter a string: aba
The string is NOT valid as per the grammar.
Process exited after 2.819 seconds with return value 0
Press any key to continue . . .
Compiler (15) Resources Compile Log Debug Find Results Console Close
Abort Compilation
- Output Filename: C:\Users\Administrator\Documents\all lang
- Output Size: 322.970703125 KiB
- Compilation Time: 0.64s
Shorten compiler path
Line: 2 Col: 20 Sel: 0 Lines: 29 Length: 687 Insert
Done parsing in 0.015 seconds

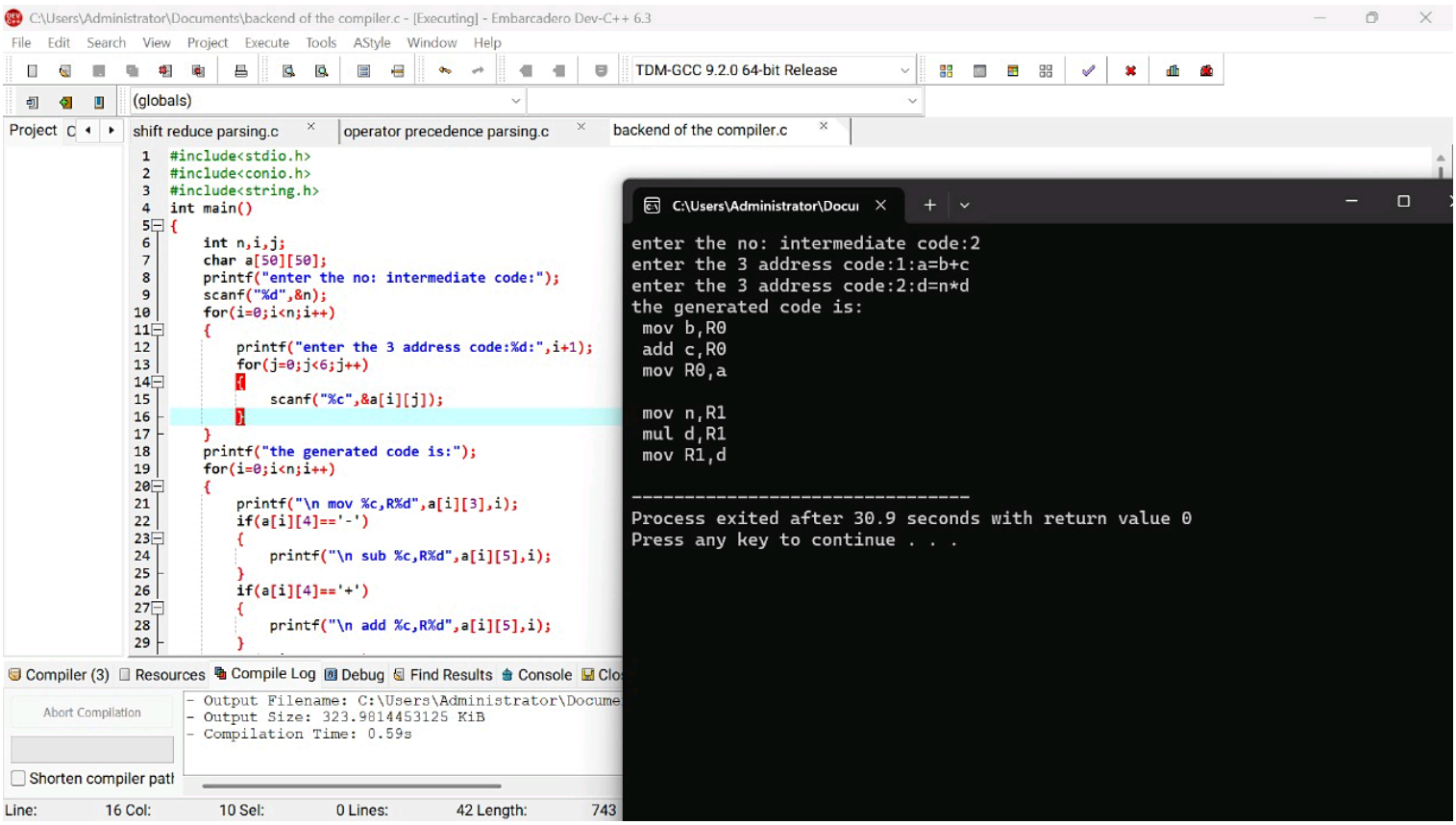

C:\Users\Administrator\Documents\TAC.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project
cwl.c
subexpression.c
TAC.c
#include <stdio.h>
#include <string.h>
#include <ctype.h>
char expr[100];
int tempVar = 1;
void newTemp(char temp[]) {
sprintf(temp, "t%d", tempVar++);
}
int precedence(char op) {
if (op == '*' || op == '/') return 2;
if (op == '+' || op == '-') return 1;
return 0;
}
char operandStack[100][20];
char operatorStack[100];
int topOperand = -1, topOperator = -1;
void pushOperand(char *val) {
strcpy(operandStack[++topOperand], val);
}
void popOperand(char *val) {
strcpy(val, operandStack[topOperand--]);
}
void pushOperator(char op) {
operatorStack[++topOperator] = op;
}
char popOperator() {
return operatorStack[topOperator--];
}
char peekOperator() {
C:\Users\Administrator\Docu
Enter arithmetic expression (e.g., a+b*c-d): a*b-c+d
t1 = a * b
t2 = t1 - c
t3 = t2 + d
Result stored in: t3
Process exited after 7.854 seconds with return value 0
Press any key to continue . . .
Compiler (1) Resources Compile Log Debug Find Results Console
Abort Compilation
- Output Filename: C:\Users\Administrator\
- Output Size: 325.1640625 KiB
- Compilation Time: 0.23s
Shorten compiler path
Line: 28 Col: 2 Sel: 0 Lines: 76 Length: 1846 Insert Done parsing in 0.031 seconds

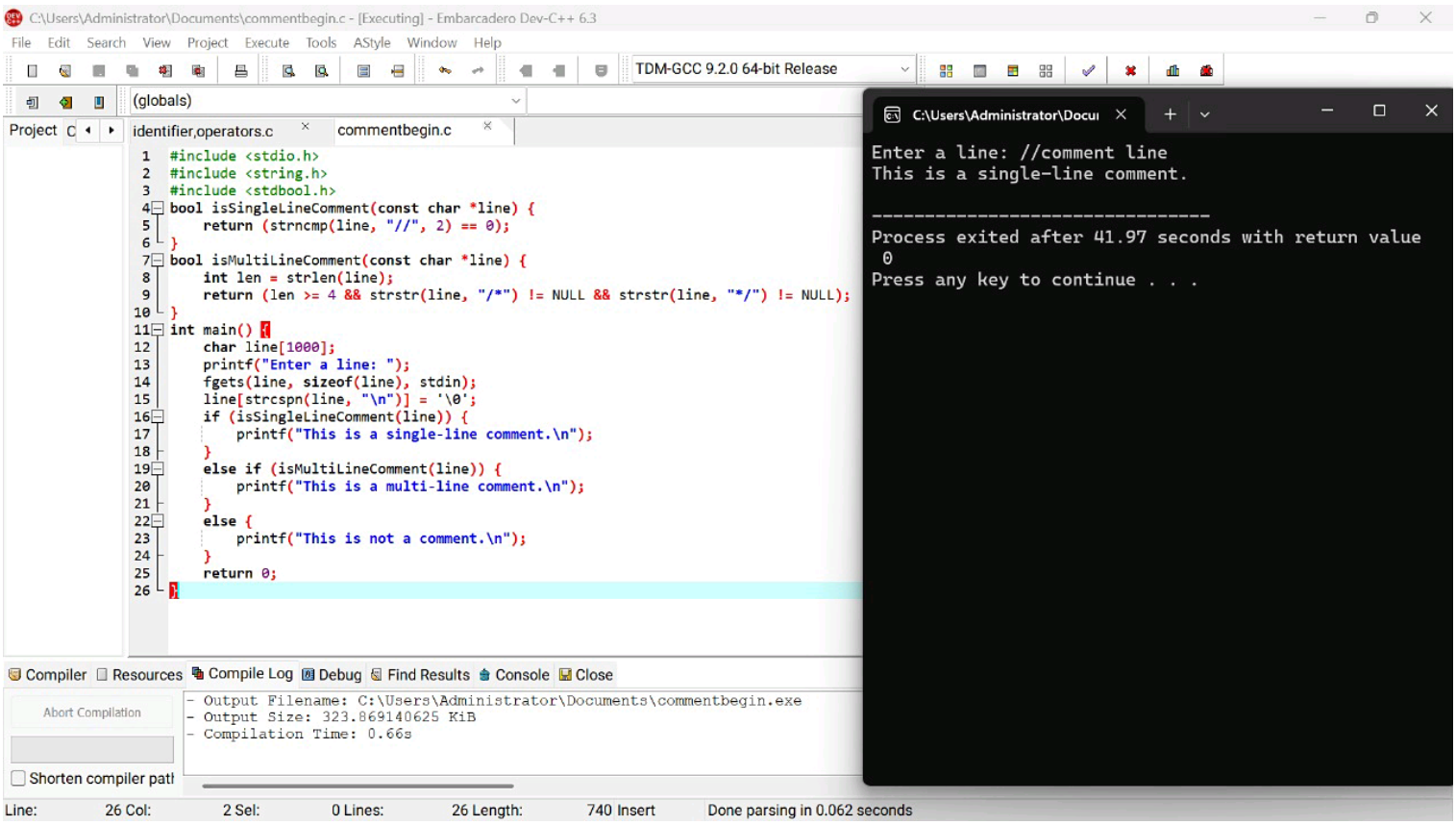

C:\Users\Administrator\Documents\left factoring.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
left recursion.c
left factoring.c
#include<stdio.h>
#include<string.h>
int main()
{
char gram[20],part1[20],part2[20],modifiedGram[20],newGram[20],tempGram[20];
int i,j=0,k=0,l=0,pos;
printf("Enter Production : S->");
gets(gram);
for(i=0;gram[i]!='|';i++,j++)
part1[j]=gram[i];
part1[j]='\0';
for(j=++i,i=0;gram[j]!='\0';j++,i++)
part2[i]=gram[j];
part2[i]='\0';
for(i=0;i<strlen(part1)||i<strlen(part2);i++)
{
if(part1[i]==part2[i])
{
modifiedGram[k]=part1[i];
k++;
pos=i+1;
}
}
for(i=pos,j=0;part1[i]!='\0';i++,j++){
newGram[j]=part1[i];
}
newGram[j++]='|';
for(i=pos;part2[i]!='\0';i++,j++){
newGram[j]=part2[i];
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
- Output Filename: C:\Users\Administrator\Documents\left f
- Output Size: 323.283203125 KiB
- Compilation Time: 0.67s
Shorten compiler path
Line: 37 Col: 1 Sel: 0 Lines: 37 Length: 1109 Insert
C:\Users\Administrator\Docu
Enter Production : S->iEtS|iEtSeS|a
S->iEtSX
X->|eS|a
Process exited after 116.6 seconds with return value 0
Press any key to continue . . .

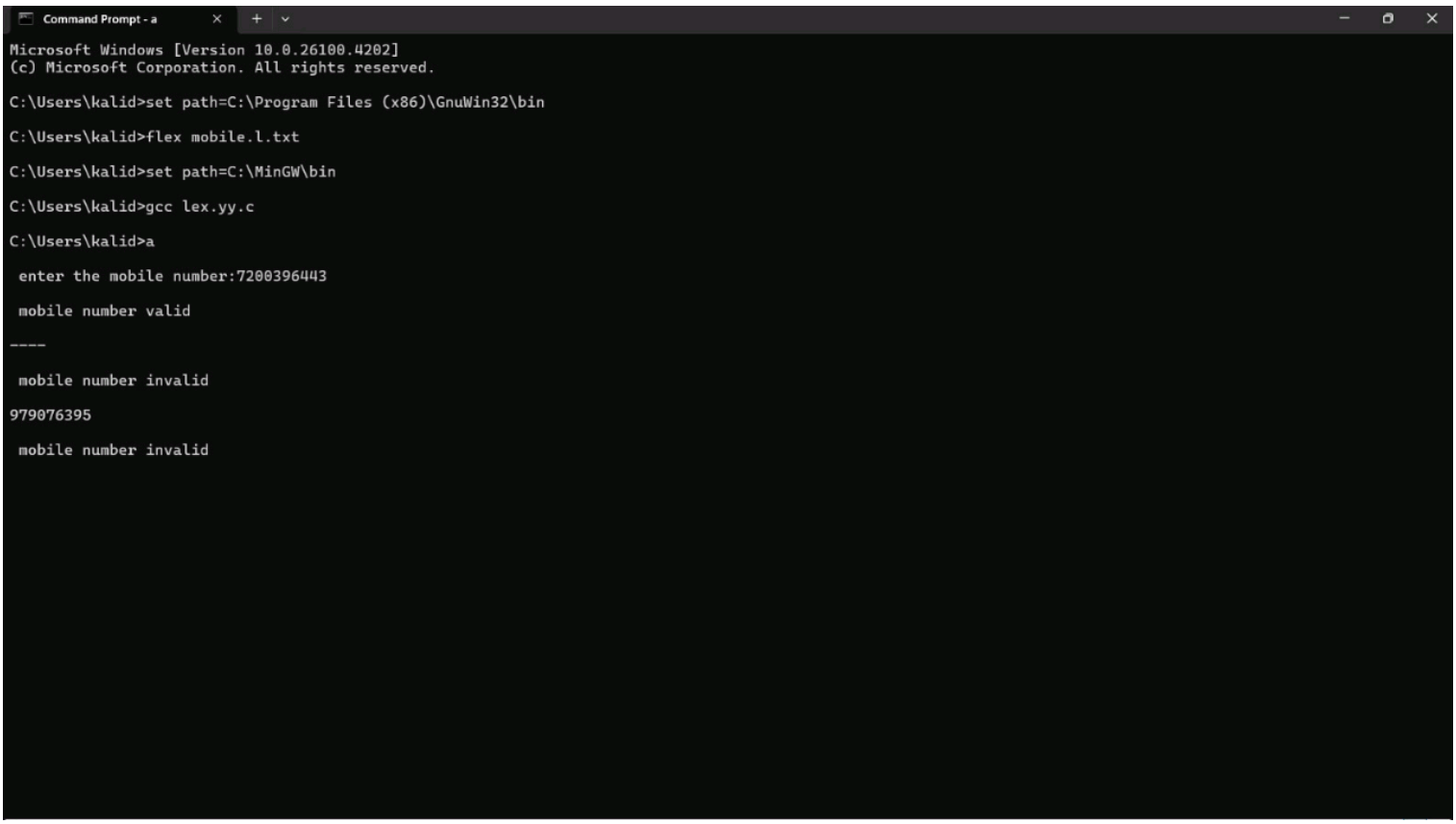

C:\Users\Administrator\Documents\recursive decent parsing.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
left recursion.c
left factoring.c
symbol table.c
recursive decent parsing.c
#include<stdio.h>
#include<conio.h>
#include<string.h>
char input[100];
int i,l;
void main()
{
printf("\nRecursive descent parsing for the following grammar\n");
printf("\nE->TE'\nE'->+TE'/@\nT->FT'\nT'->*FT'/@\nF->(E)/ID\n");
printf("\nEnter the string to be checked:");
gets(input);
if(E())
{
if(input[i+1]=='\0')
printf("\nString is accepted");
else
printf("\nString is not accepted");
}
else
printf("\nString not accepted");
getch();
}
E()
{
if(T())
{
if(EP())
return(1);
else
Compiler (16) Resources Compile Log Debug Find Results Console Close
Line Col File Message
C:\Users\Administrator\Documents\recursiv... In function 'main':
12 4 C:\Users\Administrator\Documents\recursive dec... [Warning] implicit declaration of function
C:\Users\Administrator\Documents\recursiv... At top level:
Line: 11 Col: 1 Sel: 0 Lines: 108 Length: 1146 Insert
C:\Users\Administrator\Docu
Recursive descent parsing for the following grammar
E->TE'
E'->+TE'/@
T->FT'
T'->*FT'/@
F->(E)/ID
Enter the string to be checked:(a+b)*c
String is accepted
Process exited after 19.08 seconds with return value 13
Press any key to continue . . .

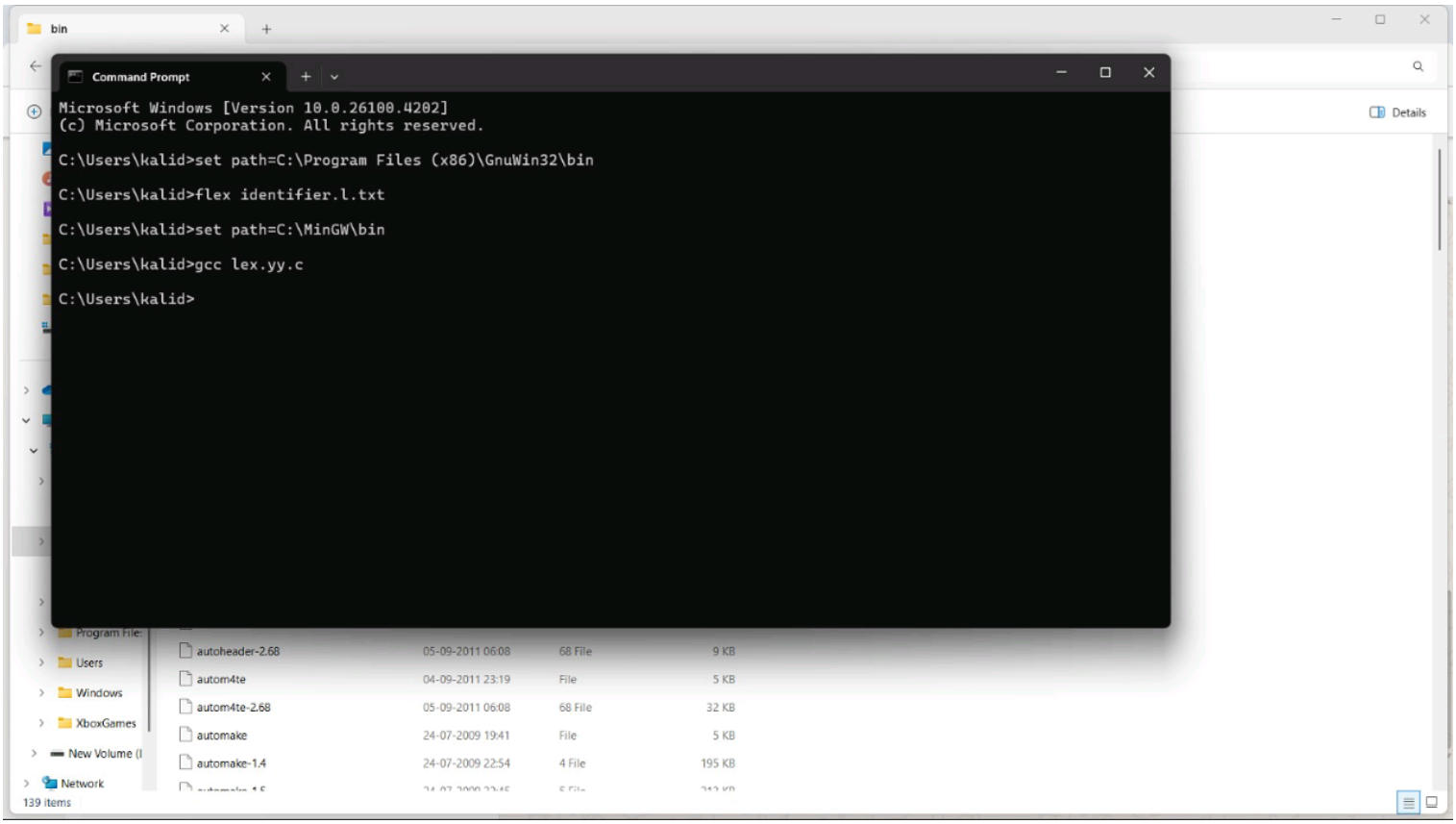

C:\Users\Administrator\Documents\subexpression.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
cwl.c
subexpression.c
#include <stdio.h>
#include <string.h>
#define MAX 100
typedef struct {
char result[10];
char arg1[10];
char op[3];
char arg2[10];
} Expression;
int is_common(Expression e1, Expression e2) {
return (strcmp(e1.arg1, e2.arg1) == 0 &&
strcmp(e1.arg2, e2.arg2) == 0 &&
strcmp(e1.op, e2.op) == 0);
}
int main() {
Expression expr[MAX], optimized[MAX];
int n, i, j, k = 0, found;
printf("Enter the number of expressions: ");
scanf("%d", &n);
printf("Enter expressions in the form: result = arg1 op arg2\n");
for (i = 0; i < n; i++) {
printf("Expression %d: ", i + 1);
scanf("%s = %s %s %s", expr[i].result, expr[i].arg1, expr[i].op, expr[i].arg2);
}
for (i = 0; i < n; i++) {
found = 0;
for (j = 0; j < k; j++) {
if (is_common(expr[i], optimized[j])) {
printf("Optimized: %s = %s\n", expr[i].result, optimized[j].result);
Compiler (1) Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler path
- Output Filename: C:\Users\Administrator\Documents\subexpression.exe
- Output Size: 324.1513671875 KiB
- Compilation Time: 0.22s
Line: 24 Col: 6 Sel: 0 Lines: 48 Length: 1462 Insert
C:\Users\Administrator
Enter the number of expressions: 3
Enter expressions in the form: result = arg1 op arg2
Expression 1: t1=a+b
t2=a+b
Expression 2: t3=t1
Expression 3: t3=t1+c
Kept : t1=a+b =
Kept : t2=a+b =
Kept : t3=t1 =
Final Optimized Code:
t1=a+b =
t2=a+b =
t3=t1 =
Process exited after 55.01 seconds with return value 0
Press any key to continue . . .

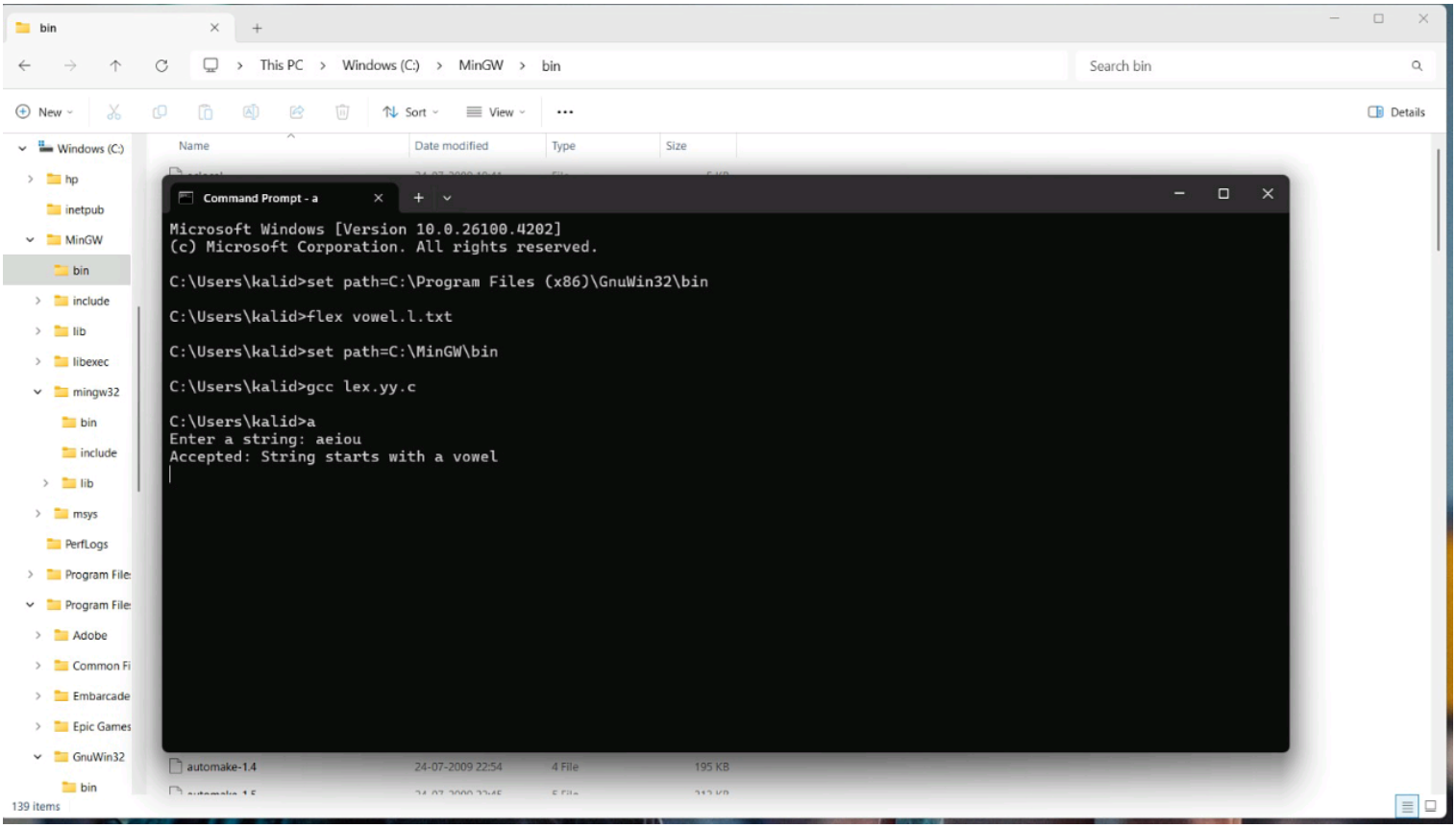

C:\Users\Administrator\Documents\identifier,operators.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
identifier,operators.c
#include<stdio.h>
#include<ctype.h>
#include<string.h>
int main()
{
int i,ic=0,m,cc=0,oc=0,j;
char b[30],operators[30],identifiers[30],constants[30];
printf("enter the string : ");
scanf("%[^\n]s",&b);
for(i=0;i<strlen(b);i++)
{
if(isspace(b[i]))
{
continue;
}
else if(isalpha(b[i]))
{
identifiers[ic] =b[i];
ic++;
}
else if(isdigit(b[i]))
{
m=(b[i]-'0');
i=i+1;
while(isdigit(b[i]))
{
m=m*10 + (b[i]-'0');
i++;
}
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
- Output Filename: C:\Users\Administrator\Documents\id
- Output Size: 323.650390625 KiB
- Compilation Time: 0.69s
Shorten compiler path
Line: 74 Col: 1 Sel: 0 Lines: 74 Length: 1389 Insert
Done parsing in 0.609 seconds
C:\Users\Administrator\Docu
enter the string : a+7*b/4
identifiers : a b
constants : 7 4
operators : + *
Process exited after 14.37 seconds with return value 0
Press any key to continue . . .

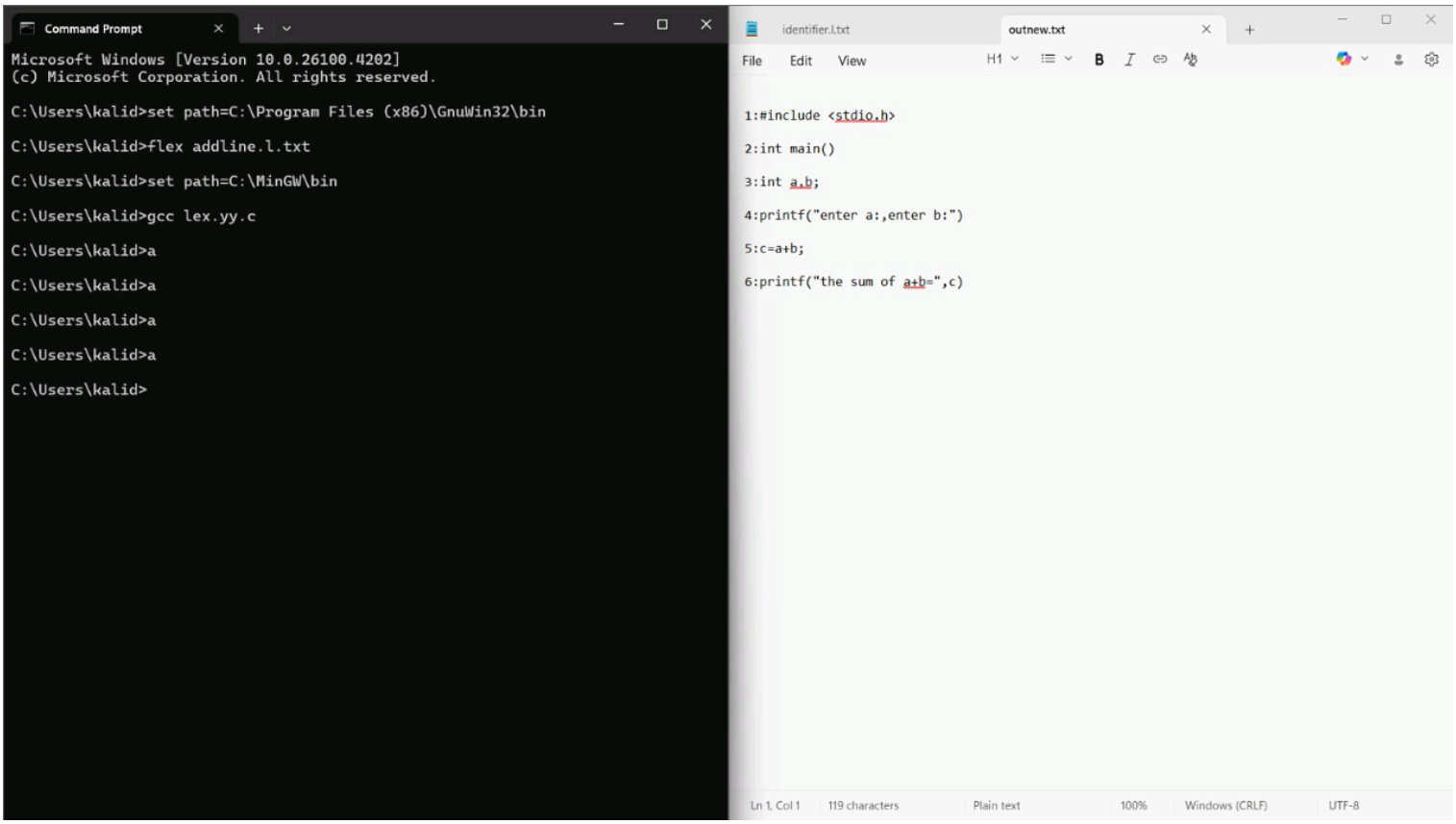

C:\Users\Administrator\Documents\backend of the compiler.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
shift reduce parsing.c
operator precedence parsing.c
backend of the compiler.c
#include<stdio.h>
#include<conio.h>
#include<string.h>
int main()
{
int n,i,j;
char a[50][50];
printf("enter the no: intermediate code:");
scanf("%d",&n);
for(i=0;i<n;i++)
{
printf("enter the 3 address code:%d:",i+1);
for(j=0;j<6;j++)
{
scanf("%c",&a[i][j]);
}
}
printf("the generated code is:");
for(i=0;i<n;i++)
{
printf("\n mov %c,R%d",a[i][3],i);
if(a[i][4]=='-')
{
printf("\n sub %c,R%d",a[i][5],i);
}
if(a[i][4]=='+')
{
printf("\n add %c,R%d",a[i][5],i);
}
Compiler (3) Resources Compile Log Debug Find Results Console
Abort Compilation
- Output Filename: C:\Users\Administrator\Docume
- Output Size: 323.9814453125 KiB
- Compilation Time: 0.59s
Shorten compiler path
Line: 16 Col: 10 Sel: 0 Lines: 42 Length: 743
C:\Users\Administrator\Docu
enter the no: intermediate code:2
enter the 3 address code:1:a=b+c
enter the 3 address code:2:d=n*d
the generated code is:
mov b,R0
add c,R0
mov R0,a
mov n,R1
mul d,R1
mov R1,d
Process exited after 30.9 seconds with return value 0
Press any key to continue . . .

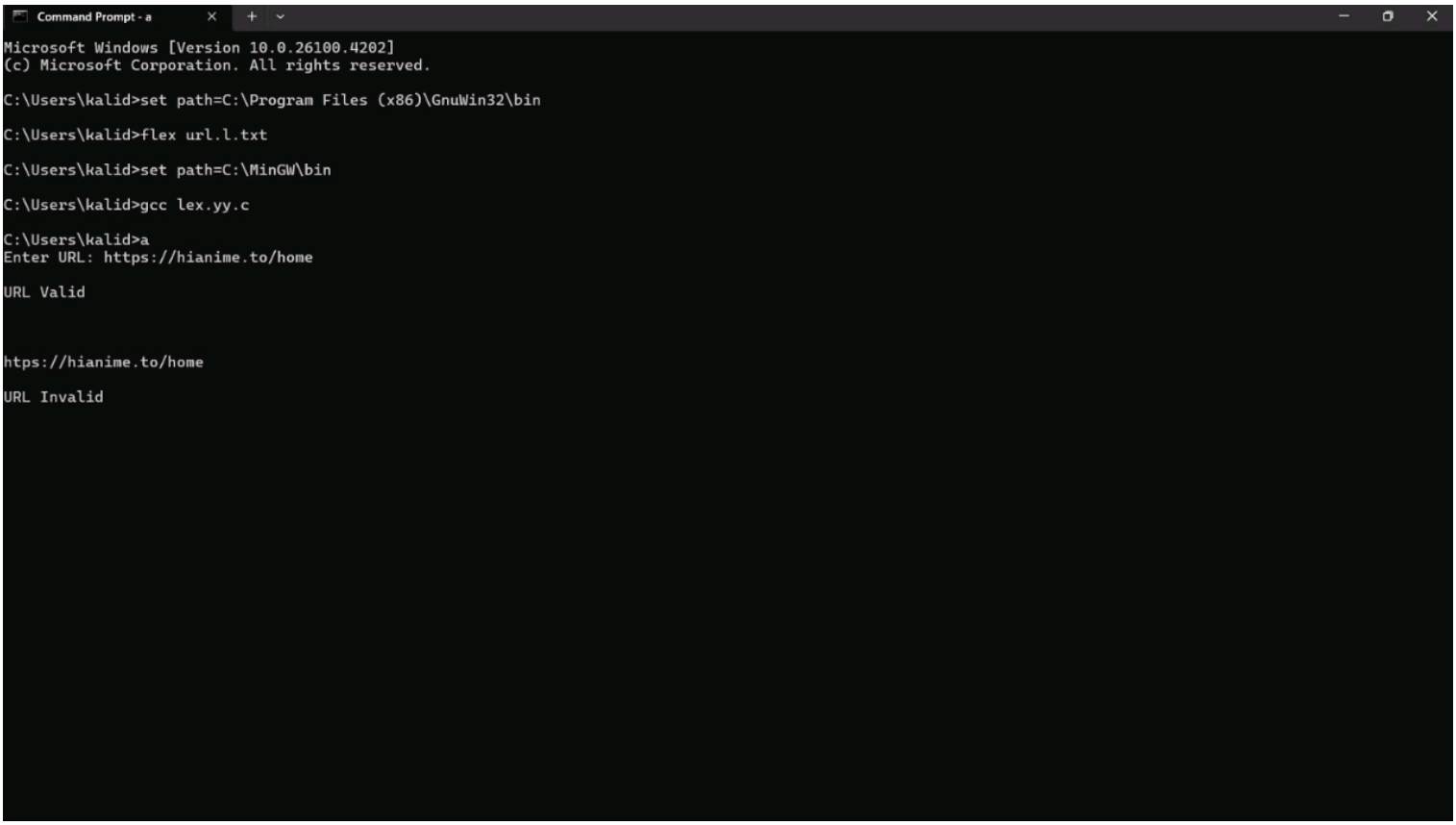

C:\Users\Administrator\Documents\commentbegin.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project
identifier,operators.c
commentbegin.c
#include <stdio.h>
#include <string.h>
#include <stdbool.h>
bool isSingleLineComment(const char *line) {
return (strncmp(line, "//", 2) == 0);
}
bool isMultiLineComment(const char *line) {
int len = strlen(line);
return (len >= 4 && strstr(line, "/*") != NULL && strstr(line, "*/") != NULL);
}
int main() {
char line[1000];
printf("Enter a line: ");
fgets(line, sizeof(line), stdin);
line[strcspn(line, "\n")] = '\0';
if (isSingleLineComment(line)) {
printf("This is a single-line comment.\n");
}
else if (isMultiLineComment(line)) {
printf("This is a multi-line comment.\n");
}
else {
printf("This is not a comment.\n");
}
return 0;
}
C:\Users\Administrator\Docu
Enter a line: //comment line
This is a single-line comment.
Process exited after 41.97 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler path
- Output Filename: C:\Users\Administrator\Documents\commentbegin.exe
- Output Size: 323.869140625 KiB
- Compilation Time: 0.66s
Line: 26 Col: 2 Sel: 0 Lines: 26 Length: 740 Insert
Done parsing in 0.062 seconds

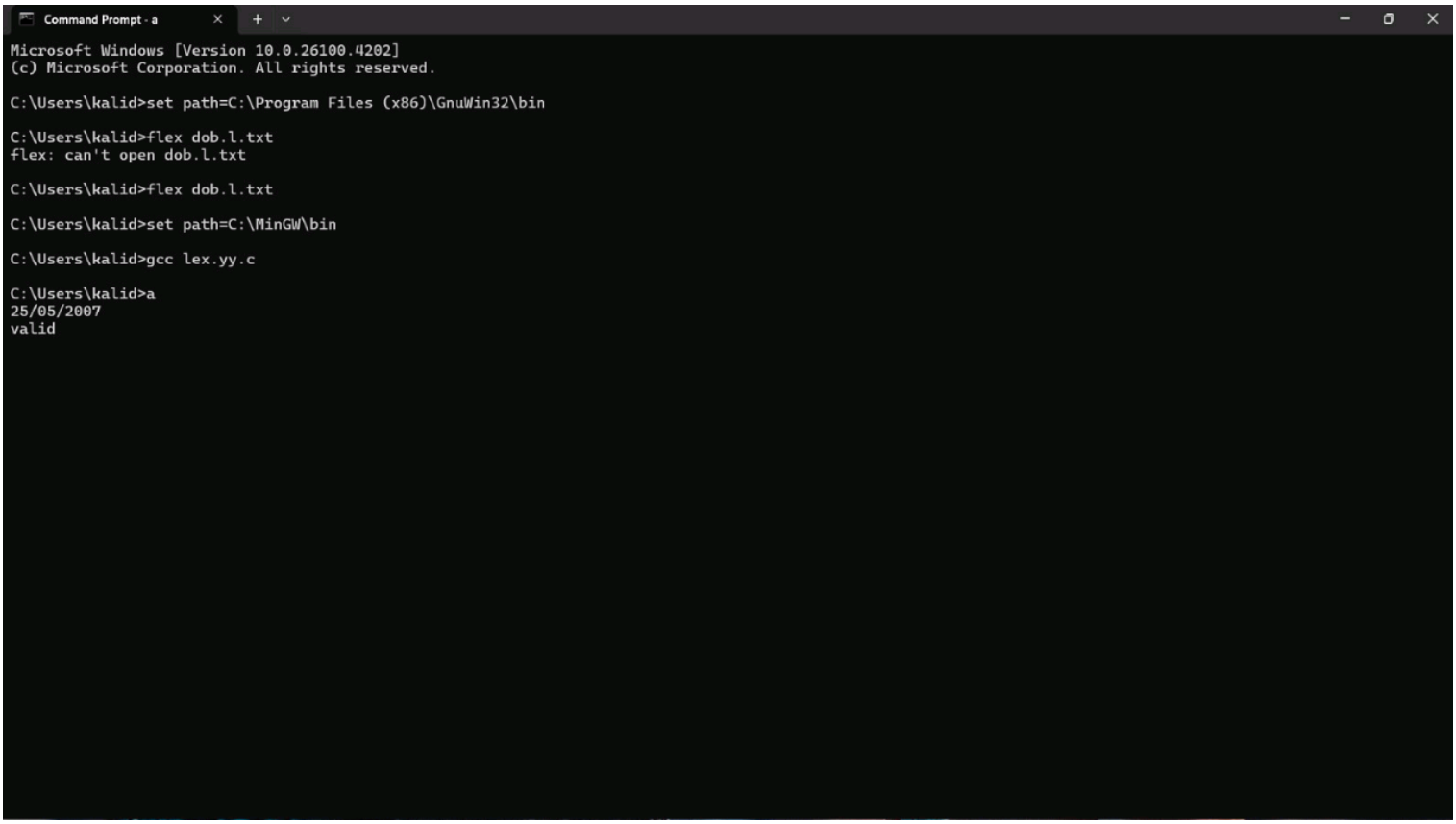

Command Prompt - a
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex mobile.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
enter the mobile number:7200396443
mobile number valid
----
mobile number invalid
979076395
mobile number invalid

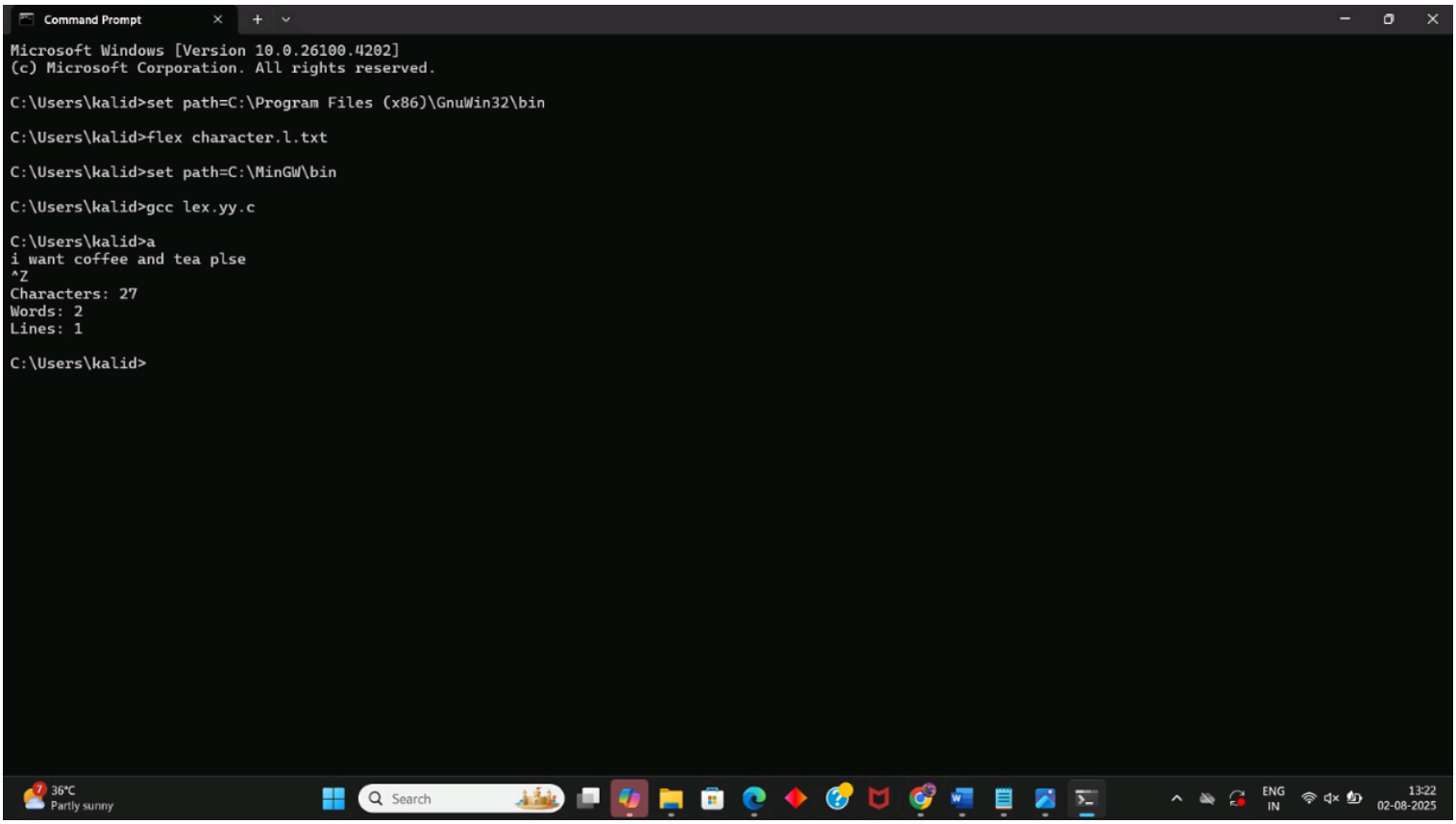

bin
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex identifier.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>
Details
Program File
Users
Windows
XboxGames
New Volume (I
Network
139 items
autoheader-2.68 05-09-2011 06:08 68 File 9 KB
autom4te 04-09-2011 23:19 File 5 KB
autom4te-2.68 05-09-2011 06:08 68 File 32 KB
automake 24-07-2009 19:41 File 5 KB
automake-1.4 24-07-2009 22:54 4 File 195 KB

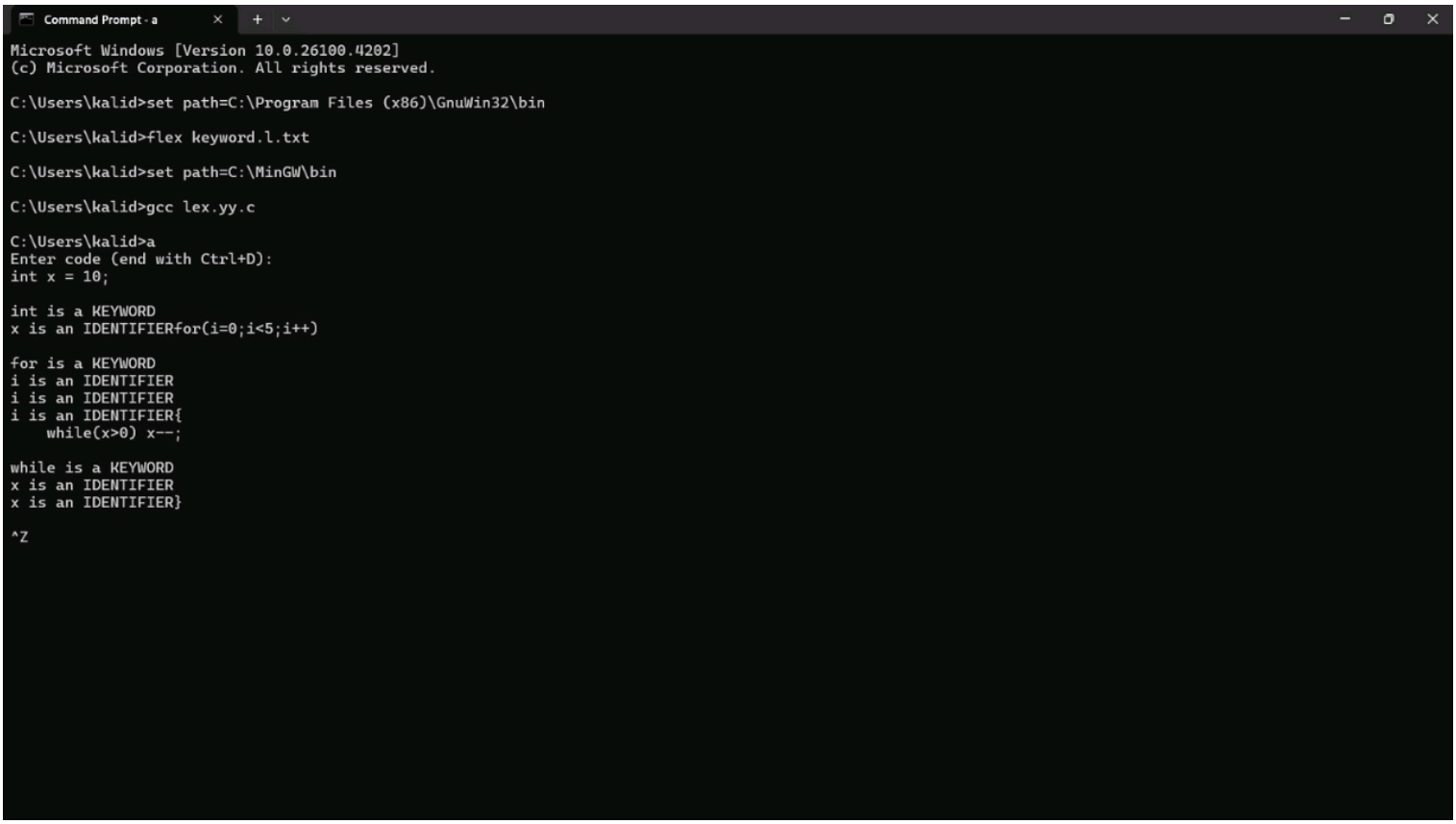

bin
This PC
Windows (C:)
MinGW
bin
Search bin
New
Sort
View
Details
Name
Date modified
Type
Size
Windows (C:)
hp
inetpub
MinGW
bin
include
lib
libexec
mingw32
bin
include
lib
msys
PerfLogs
Program File
Program File
Adobe
Common Fi
Embarcade
Epic Games
GnuWin32
bin
Command Prompt - a
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex vowel.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
Enter a string: aeiou
Accepted: String starts with a vowel
automake-1.4
24-07-2009 22:54
4 File
195 KB
139 items

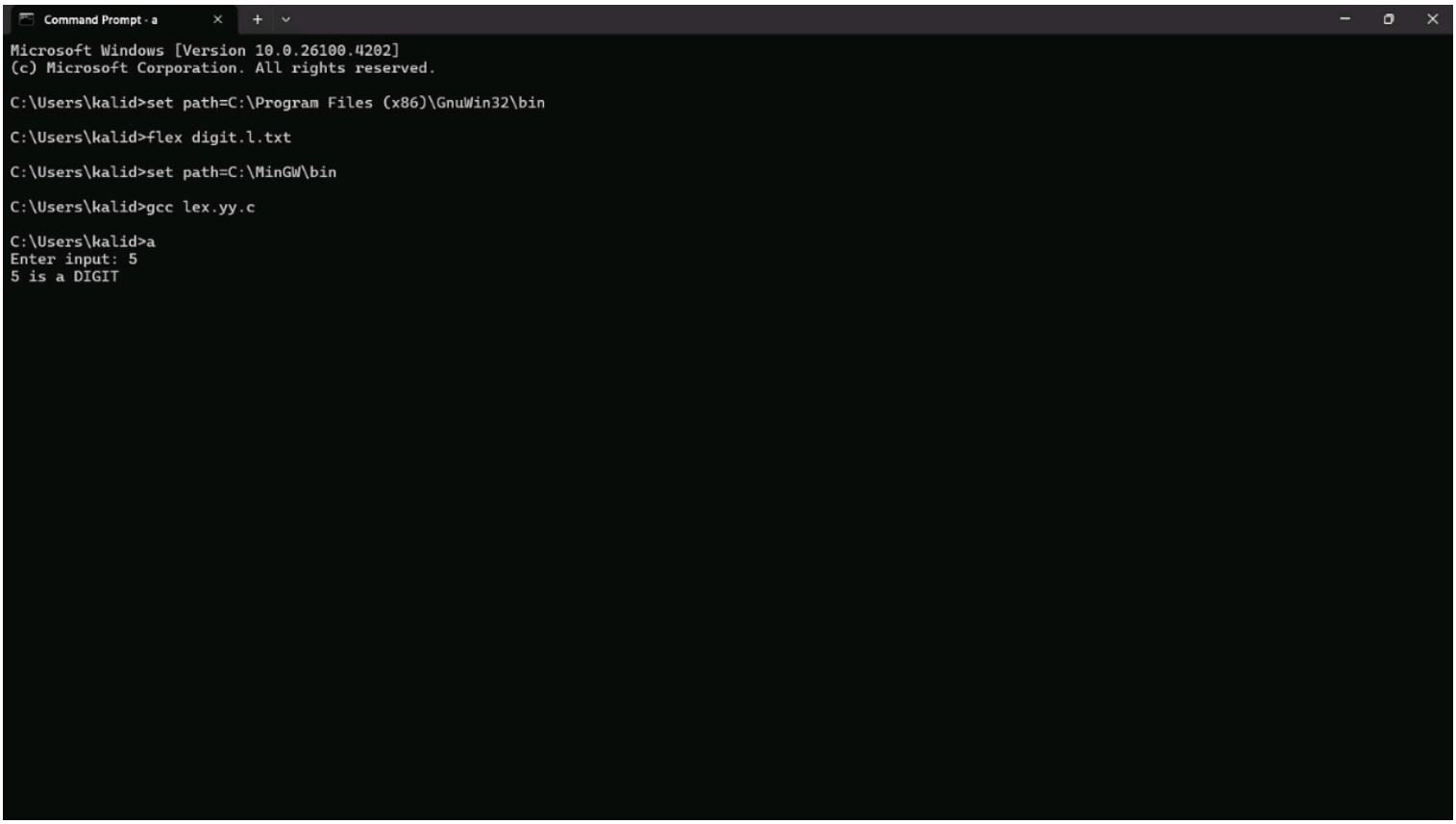

Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex addline.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
C:\Users\kalid>a
C:\Users\kalid>a
C:\Users\kalid>a
C:\Users\kalid>
identifier.l.txt
outnew.txt
File
Edit
View
H1
1:#include <stdio.h>
2:int main()
3:int a,b;
4:printf("enter a:,enter b:")
5:c=a+b;
6:printf("the sum of a+b=",c)
Ln 1, Col 1
119 characters
Plain text
100%
Windows (CRLF)
UTF-8

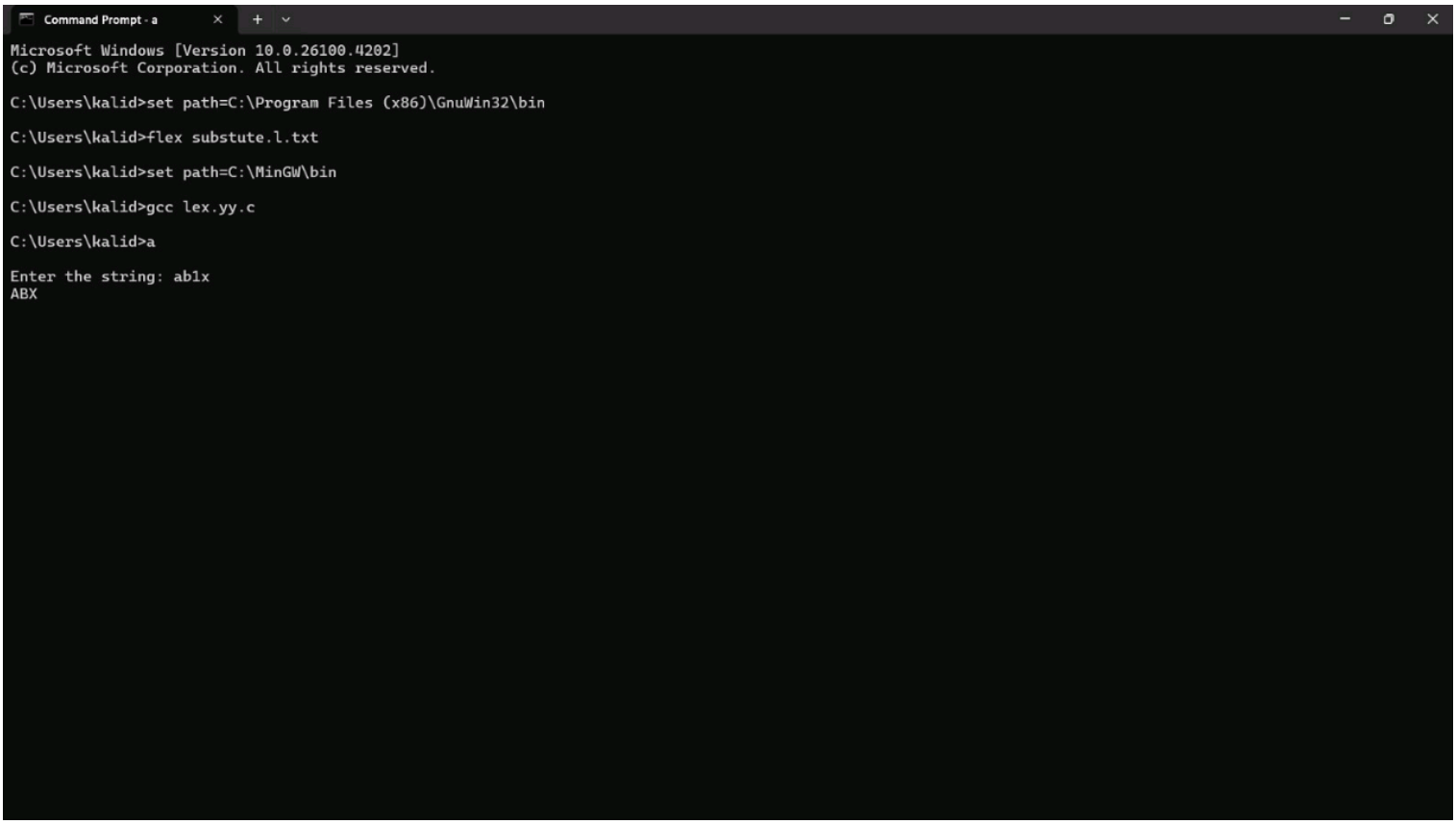

Command Prompt - a
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex url.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
Enter URL: https://hianime.to/home
URL Valid
https://hianime.to/home
URL Invalid


Command Prompt - a
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex dob.l.txt
flex: can't open dob.l.txt
C:\Users\kalid>flex dob.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
25/05/2007
valid


Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex character.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
i want coffee and tea plse
^Z
Characters: 27
Words: 2
Lines: 1
C:\Users\kalid>
36°C
Partly sunny
Search
ENG
IN
13:22
02-08-2025


Command Prompt - a
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex keyword.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
Enter code (end with Ctrl+D):
int x = 10;
int is a KEYWORD
x is an IDENTIFIERfor(i=0;i<5;i++)
for is a KEYWORD
i is an IDENTIFIER
i is an IDENTIFIER
i is an IDENTIFIER{
while(x>0) x--;
while is a KEYWORD
x is an IDENTIFIER
x is an IDENTIFIER}
^Z

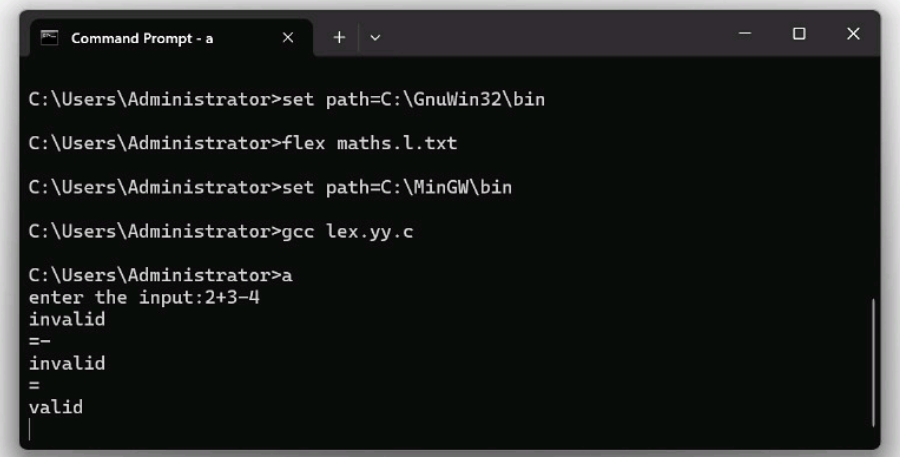

Command Prompt - a
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex digit.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
Enter input: 5
5 is a DIGIT


Command Prompt - a
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.
C:\Users\kalid>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Users\kalid>flex substute.l.txt
C:\Users\kalid>set path=C:\MinGW\bin
C:\Users\kalid>gcc lex.yy.c
C:\Users\kalid>a
Enter the string: ab1x
ABX

eplace.l.txt | maths | frequency.l.t | url1.l.txt | cwl.l.txt | digit.l.txt | kori.l.txt | operator.l.tx | wsnl.l.txt | abc.l.txt | dob.l.txt | comment.l.t

File Edit View H1

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

"="|"+"|"-"|"/"|"*" { printf("valid");}
.+  {printf("invalid");}
%%
int yywrap(){}
int main()
{
printf("enter the input:");
yylex();
return 0;
}
```



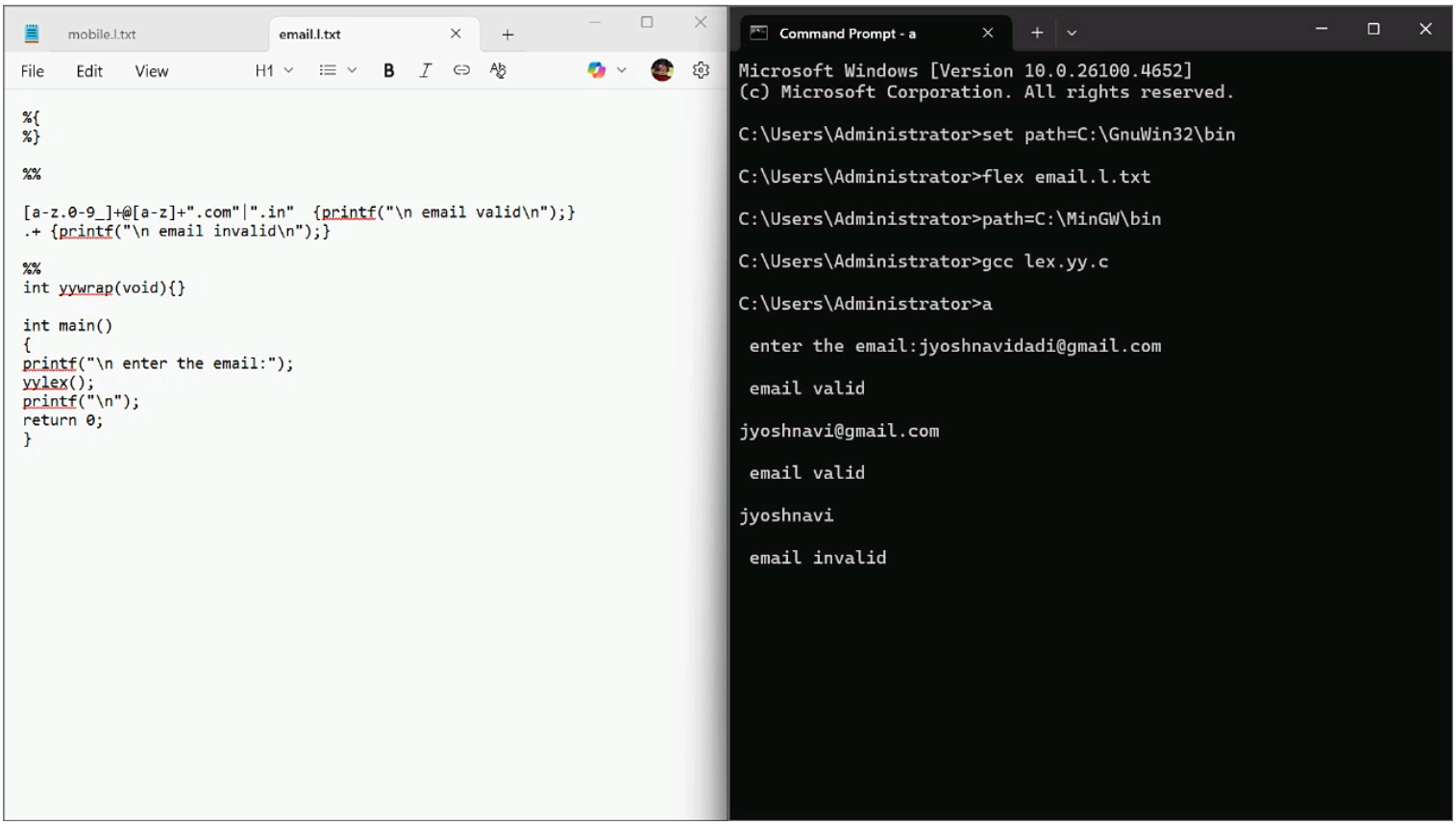
owel.l.txt | word.l.txt | replace.l.txt | frequency.l.t | url1.l.txt | cwl.l.txt | digit.l.txt | kori.l.txt | opera | abc.l.txt | dob.l.txt | comment.l.t:

File Edit View H1

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

%%

"+"     { printf("PLUS operator detected: %s\n", yytext); }
"-"     { printf("MINUS operator detected: %s\n", yytext); }
"*"     { printf("MULTIPLICATION operator detected: %s\n", yytext); }
"/"     { printf("DIVISION operator detected: %s\n", yytext); }
[ \t\n] ;  // ignore whitespace
.       { printf("Not a valid arithmetic operator: %s\n", yytext); }

%%

int main() {
    yylex();
    return 0;
}

int yywrap() {
    return 1;
}
```

Command Prompt - a

```
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>set path=C:\GnuWin32\bin

C:\Users\Administrator>flex operator.l.txt

C:\Users\Administrator>set path=C:\MinGW\bin

C:\Users\Administrator>gcc lex.yy.c

C:\Users\Administrator>a
+*
PLUS operator detected: +
MULTIPLICATION operator detected: *
```


mobile.l.txt
email.l.txt
File
Edit
View
H1
%{
%}
%%
[a-z.0-9_]+@[a-z]+".com"|".in" {printf("\n email valid\n");}
.+ {printf("\n email invalid\n");}
%%
int yywrap(void){}
int main()
{
printf("\n enter the email:");
yylex();
printf("\n");
return 0;
}
Command Prompt - a
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Administrator>set path=C:\GnuWin32\bin
C:\Users\Administrator>flex email.l.txt
C:\Users\Administrator>path=C:\MinGW\bin
C:\Users\Administrator>gcc lex.yy.c
C:\Users\Administrator>a
enter the email:jyoshnavidadi@gmail.com
email valid
jyoshnavi@gmail.com
email valid
jyoshnavi
email invalid

mobile.l.txt | email.l.txt | identifier.l.txt | addline.l.txt | cav.l.txt | svowel.l.txt | lword.l.txt

File Edit View H1

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

%%

^[aeiouAEIOU][a-zA-Z0-9]*    {
                                printf("Accepted: %s\n", yytext);
                             }

.*                           {
                                printf("Rejected: %s\n", yytext);
                             }

%%

int main() {
    yylex();
    return 0;
}

int yywrap() {
    return 1;
}
```

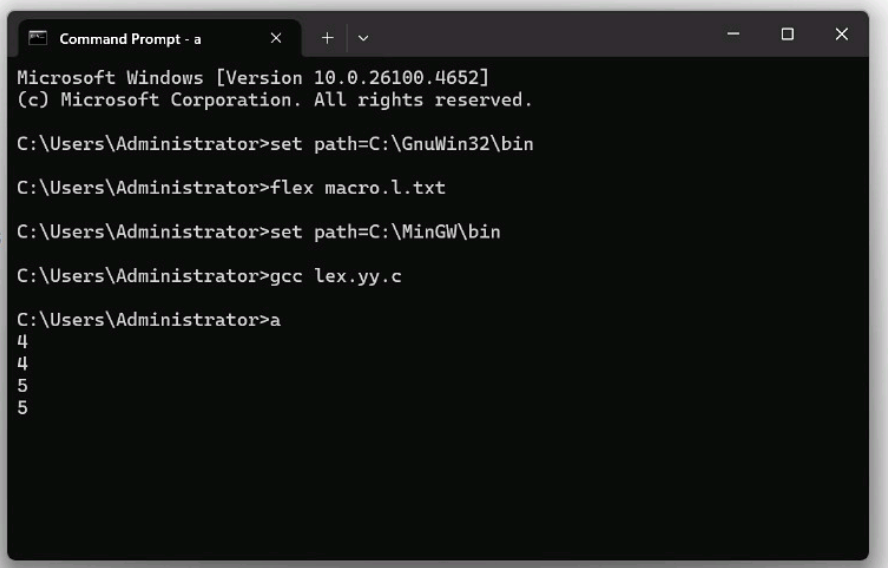
Command Prompt - a

```
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>set path=C:\GnuWin32\bin

C:\Users\Administrator>flex svowel.l.txt

C:\Users\Administrator>set path=C:\MinGW\bin

C:\Users\Administrator>gcc lex.yy.c

C:\Users\Administrator>a
animal
Accepted: animal

zebra
Rejected: zebra
```

eplace.l.txt | maths.l.txt | pn.l.txt | stnl.l.txt | const.l.txt | macr | sample.c | frequency.l.t | url1.l.txt | cwl.l.txt | digit.l.txt | kori.l.txt

File Edit View H1

```
%{
int nmacro, nheader;
%}
%%
^#define { nmacro++; }
^#include { nheader++; }
%%
int yywrap(void) {
return 1;
}
int main() {
yylex();
printf("Number of macros defined = %d\n", nmacro);
printf("Number of header files included = %d\n", nheader);
}
```



ntifier.l.tx | addline.l.txt | cav.l.txt | svowel.l.txt | word.l.txt | replace.l.txt | frequency.l.t | url1.l.txt | cwl.l.txt | digit.l.txt | kori.l. | abc.l.txt

File Edit View H1

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

%%

if|else|while|int|switch|for|char { printf("its a keyword");}
[a-zA-Z0-9]+ { printf("\n%s is IDENTIFIER", yytext);}

%%
int yywrap( ){}
int main()
{
        while( yylex());
}
```

Command Prompt - a

```
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>set path=C:\GnuWin32\bin

C:\Users\Administrator>flex kori.l.txt

C:\Users\Administrator>set path=C:\MinGW\bin

C:\Users\Administrator>gcc lex.yy.c

C:\Users\Administrator>a
while
its a keyword
hello

hello is IDENTIFIER
```

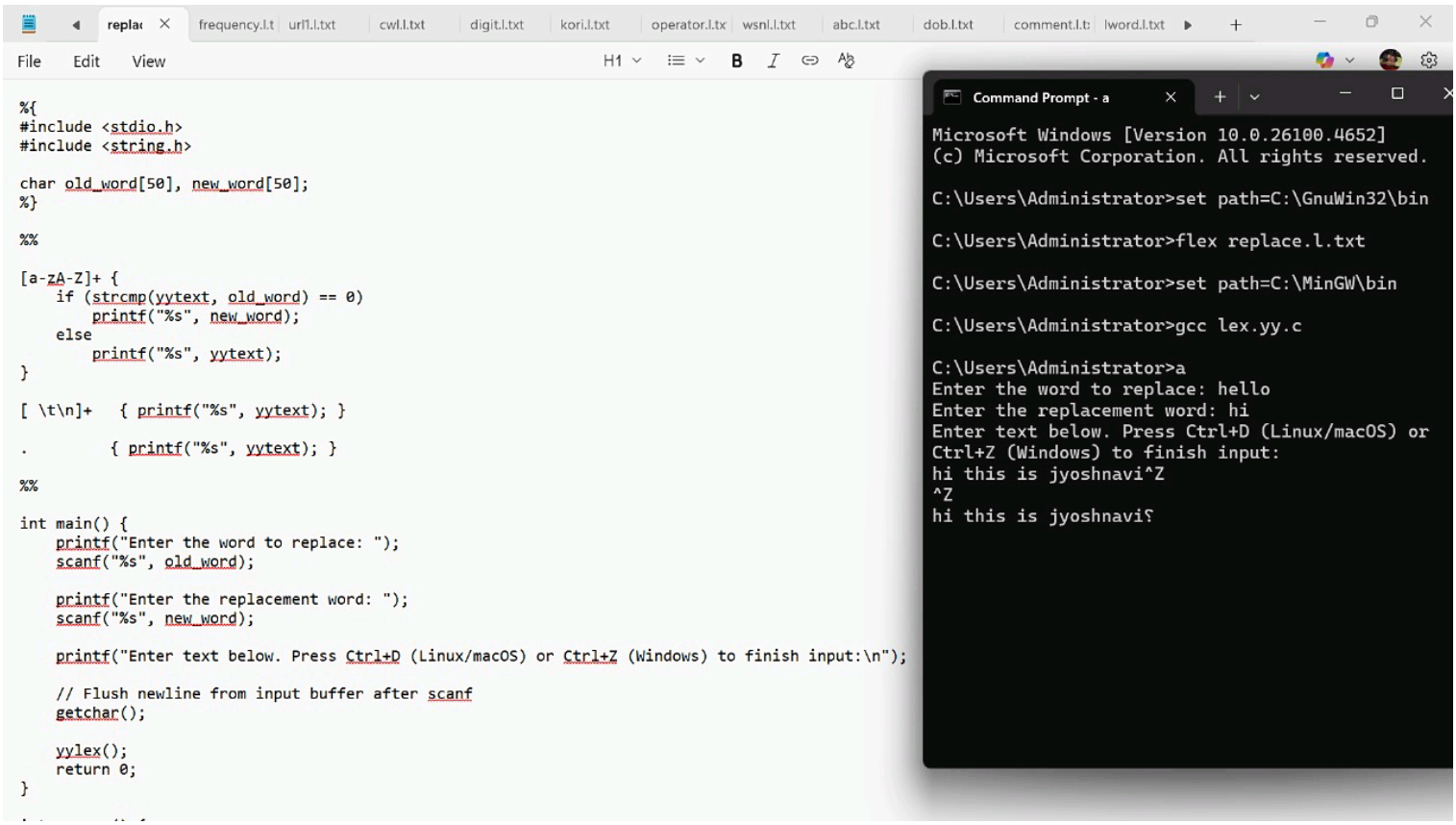
ntifier.l.tx | addline.l.txt | cav.l.txt | svowel.l.txt | word.l.txt | replace.l.txt | frequency.l.t | url1.l.txt | cwl.l.txt | digit.l.txt | kori.l.txt | abc.l.

File Edit View H1

```
%{
%}
%%

[a-z] {printf("%c",yytext[0]-32);}
. {}

%%
int yywrap(void){}
int main()
{
printf("\nenter the string : ");
yylex();
}
```

Command Prompt - a

```
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>set path=C:\GnuWin32\bin

C:\Users\Administrator>flex abc.l.txt

C:\Users\Administrator>set path=C:\MinGW\bin

C:\Users\Administrator>gcc lex.yy.c

C:\Users\Administrator>a

enter the string : abc
ABC
xyz
XYZ
```


File Edit View
%{
#include <stdio.h>
#include <string.h>
char old_word[50], new_word[50];
%}
%%
[a-zA-Z]+ {
if (strcmp(yytext, old_word) == 0)
printf("%s", new_word);
else
printf("%s", yytext);
}
[\t\n]+ { printf("%s", yytext); }
. { printf("%s", yytext); }
%%
int main() {
printf("Enter the word to replace: ");
scanf("%s", old_word);
printf("Enter the replacement word: ");
scanf("%s", new_word);
printf("Enter text below. Press Ctrl+D (Linux/macOS) or Ctrl+Z (Windows) to finish input:\n");
// Flush newline from input buffer after scanf
getchar();
yylex();
return 0;
}
Command Prompt - a
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Administrator>set path=C:\GnuWin32\bin
C:\Users\Administrator>flex replace.l.txt
C:\Users\Administrator>set path=C:\MinGW\bin
C:\Users\Administrator>gcc lex.yy.c
C:\Users\Administrator>a
Enter the word to replace: hello
Enter the replacement word: hi
Enter text below. Press Ctrl+D (Linux/macOS) or
Ctrl+Z (Windows) to finish input:
hi this is jyoshnavi^Z
^Z
hi this is jyoshnavi

eplace.l.txt | maths.l.txt | pn.l.txt | stnl.l.txt | const | sample.c | frequency.l.t | url1.l.txt | cwl.l.txt | digit.l.txt | kori.l.txt | operator.l.tx

File Edit View H1

```
%{
%}

%%
<INITIAL>[0-9]+ {printf("Integer\n");}
<INITIAL>[0-9]+[.][0-9]+ {printf("Float\n");}
<INITIAL>[A-Za-z0-9_]* {printf("Identifier\n");}
<INITIAL>[^\n] {printf("Invalid\n");}

%%

int yywrap(){}

int main()
{
printf("Enter String\n");
yylex();
return 0;
}
```

Command Prompt - a

```
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>set path=C:\GnuWin32\bin

C:\Users\Administrator>flex const.l.txt

C:\Users\Administrator>set path=C:\MinGW\bin

C:\Users\Administrator>gcc lex.yy.c

C:\Users\Administrator>a
Enter String
hello123
Identifier

123
Integer
```

eplace.l.txt | maths.l.txt | pn.l.t | frequency.l.t | url1.l.txt | cwl.l.txt | digit.l.txt | kori.l.txt | operator.l.tx | wsnl.l.txt | abc.l.txt | dob.l.txt

File Edit View H1

```
%{
int positive_no = 0, negative_no = 0;
%}

%%
^[-][0-9]+ {negative_no++;
                    printf("negative number = %s\n",yytext);}

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

%%

int yywrap(){}
int main()
{

yylex();
printf ("number of positive numbers = %d,"
                "number of negative numbers = %d\n",
                                positive_no, negative_no);

return 0;
}
```