

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows a workspace named 'UNTITLED (WORKSPACE)'. The file list includes 'LAB56LFTC', 'a.exe', 'lex.yy.c', 'sspascal_v2.l', 'sspascal.tab.c', 'sspascal.tab.h', 'sspascal.y', and 'test.txt'. 'test.txt' is the active file.
- Editor (Center):** Displays the content of 'test.txt', which is a Pascal program:

```
1 program {  
2   var a : int;  
3   a = 27;  
4   if(a==27)  
5   {  
6     displayoutput ("E ok");  
7   };  
8   while(a!=27)  
9   {  
10    a = a + 1 ;  
11    displayoutput ("Nu-i ok");  
12  };  
13  return 0;  
14 }
```
- Terminal (Bottom):** Shows the commands used to compile and run the program:

```
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> flex sspascal_v2.l  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> yacc .\lex.yy.c  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> bison -d sspascal.y  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> gcc lex.yy.c sspascal.tab.c  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> ./a.exe test.txt  
O.K.  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> |
```

The image shows a Visual Studio Code window with the title "test.txt - Untitled (Workspace) - Visual Studio Code". The interface is divided into several panes:

- Explorer:** Shows the project structure. The "LAB56LFTC" folder is expanded, showing files: `a.exe`, `lex.yy.c`, `sspascal_v2.l`, `sspascal.tab.c`, `sspascal.tab.h`, `sspascal.y`, and `test.txt`.
- Editor:** Displays the content of `test.txt`. The code is a C program:

```
1 program {  
2     var a : int;  
3     $a = 27;  
4     if(a==27)  
5     {  
6         displayoutput ("E ok");  
7     };  
8     while(a!=27)  
9     {  
10        a = a + 1 ;  
11        displayoutput ("Nu-i ok");  
12    };  
13    return 0;  
14 }
```
- Terminal:** Shows the output of the compilation and execution process:

```
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> flex sspascal_v2.l  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> yacc ./lex.yy.c  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> bison -d sspascal.y  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> gcc lex.yy.c sspascal.tab.c  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> ./a.exe test.txt  
O.K.  
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> ./a.exe test.txt  
Eroare lexicala  
Eroare lexicala
```

The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays a project structure with a folder named 'LAB56LFTC' containing files like 'a.exe', 'lex.yy.c', 'sspascal.v2.l', 'sspascal.tab.c', 'sspascal.tab.h', 'sspascal.y', and 'test.txt'. The main editor window shows the content of 'test.txt', which is a C program:

```

1  program {
2      var a : int;
3      $#a = 27;
4      if(a==27)
5      {
6          cout ("E ok");
7      };
8      while(a!=27)
9      {
10         a = a + 1 ;
11         cout ("Nu-i ok");
12     };
13     return 0;
14 }

```

Below the editor, the TERMINAL panel shows the compilation process:

```

PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> flex sspascal_v2.1
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> yacc .\lex.yy.c
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> bison -d sspascal.y
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> gcc lex.yy.c sspascal.tab.c
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> .\a.exe test.txt
O.K.
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> .\a.exe test.txt
Eroare lexicala
Eroare lexicala
O.K.
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC> .\a.exe test.txt
Eroare lexicala
Eroare lexicala
syntax error
PS C:\Users\soran\OneDrive\Desktop\PLAYGROUND\LAB56LFTC>

```