

Universidad Da Vinci De Guatemala  
Facultad de Ingeniería, Industria y Tecnología  
Carrera: Licenciatura en ingeniería de Sistemas



# FACULTAD DE INGENIERÍA

UNIVERSIDAD DA VINCI  
DE GUATEMALA

“Proyecto No. 1 Analizador léxico”

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# Proyecto No. 1 Analizador léxico

## Desarrollo del programa en Java 21 y JFlex

### A. Buenas prácticas de documentación y estilo de programación:

- El código está bien documentado con comentarios que explican su funcionalidad.
- Se sigue un estilo de programación limpio y organizado, con nombres de variables y métodos descriptivos.
- Se utiliza el estándar de codificación de Java (nombres en camelCase, sangrías consistentes, etc.).

### B. Pruebas con un escenario de entrada:

- Se proporciona un archivo de entrada (html.txt) con código HTML para probar el programa.
- El programa genera una salida (salida.txt) con los tokens detectados, y los resultados también se muestran en una interfaz gráfica.

## Código del programa Lexer.jflex

```
1  /* Lexer.jflex */
2  %%
3
4  %public
5  %class Lexer
6  %type Token
7  %line
8  %column
9
10 % {
11     public static class Token {
12         public String type;
13         public String value;
14         public int line;
15         public int column;
16
17         public Token(String type, String value, int line, int column) {
18             this.type = type;
19             this.value = value;
20             this.line = line + 1;
21             this.column = column;
22         }
23
24         @Override
25         public String toString() {
26             return String.format("Token[tipo=%s, valor='%s', linea=%d, columna=%d]",
27                 type, value, line, column);
28         }
29     }
30 }
31
32 /* Expresiones regulares */
33 WhiteSpace = [ \t\r\n]+
34 OpenTag = "<" [a-zA-Z1-6]+
35 CloseTag = "</" [a-zA-Z1-6]+ ">"
36 Attribute = [a-zA-Z]+ "=" "\"" [^\"]* "\""
37 Comment = "<!--" [^\-]* "-->"
38 Entity = "&" [a-zA-Z]+ ";"
39 Text = [^<>&]+
40
41 %%
42
43 {WhiteSpace}    { /* ignorar */ }
44 {OpenTag}       { return new Token("ETIQUETA_APERTURA", yytext(), yyline, yycolumn); }
45 {CloseTag}      { return new Token("ETIQUETA_CIERRE", yytext(), yyline, yycolumn); }
46 {Attribute}     { return new Token("ATRIBUTO", yytext(), yyline, yycolumn); }
47 {Comment}       { return new Token("COMENTARIO", yytext(), yyline, yycolumn); }
48 {Entity}        { return new Token("ENTIDAD", yytext(), yyline, yycolumn); }
49 {Text}          { return new Token("TEXTO", yytext().trim(), yyline, yycolumn); }
50 ">"            { return new Token("FIN_ETIQUETA", yytext(), yyline, yycolumn); }
51 "<"           { return new Token("MENOR_QUE", yytext(), yyline, yycolumn); }
52 "["             { return new Token("ERROR", yytext(), yyline, yycolumn); }
53
54 <<EOF>>        { return null; }
```

## Código del programa Main.java

### AnalizadorForm.java

```
1 package analizadorlexicohtml;
2
3 import java.io.*;
4 import java.util.ArrayList;
5 import java.util.List;
6 import javax.swing.JFileChooser;
7 import javax.swing.filechooser.FileNameExtensionFilter;
8
9 public class AnalizadorForm extends javax.swing.JFrame {
10
11     public AnalizadorForm() {
12         initComponents();
13         setTitle("Analizador Léxico HTML");
14         setLocationRelativeTo(null); // Centrar la ventana
15
16         try {
17             java.io.File file = new java.io.File("E:\\OneDrive - Grupo Disresa\\Otros\\Documentos\\NetBeansProjects\\AnalizadorLexicoHTML\\logo.png");
18             java.net.URL imgURL = file.toURI().toURL();
19             if (imgURL != null) {
20                 java.awt.Image img = new javax.swing.ImageIcon(imgURL).getImage();
21                 java.awt.Image scaledImg = img.getScaledInstance(190, 110, java.awt.Image.SCALE_SMOOTH);
22                 lblLogo.setIcon(new javax.swing.ImageIcon(scaledImg));
23             } else {
24                 lblLogo.setText("Logo no encontrado");
25             }
26         } catch (Exception e) {
27             lblLogo.setText("Error al cargar el logo");
28         }
29     }
30
31     /**
32      * This method is called from within the constructor to initialize the form.
33      * WARNING: Do NOT modify this code. The content of this method is always
34      * regenerated by the Form Editor.
35      */
36     @SuppressWarnings("unchecked")
```

```

37 // <editor-fold defaultstate="collapsed" desc="Generated Code">
38 private void initComponents() {
39
40     jLabel1 = new javax.swing.JLabel();
41     jColorChooser1 = new javax.swing.JColorChooser();
42     jColorChooser2 = new javax.swing.JColorChooser();
43     btnAnalizar = new javax.swing.JButton();
44     jScrollPane2 = new javax.swing.JScrollPane();
45     jScrollPane1 = new javax.swing.JScrollPane();
46     txtResultados = new javax.swing.JTextArea();
47     jLabel2 = new javax.swing.JLabel();
48     btnLimpiar = new javax.swing.JButton();
49     lblLogo = new javax.swing.JLabel();
50
51     jLabel1.setText("jLabel1");
52
53     setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
54     setBackground(new java.awt.Color(153, 255, 153));
55     setPreferredSize(new java.awt.Dimension(716, 600));
56
57     btnAnalizar.setBackground(new java.awt.Color(255, 204, 0));
58     btnAnalizar.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
59     btnAnalizar.setForeground(new java.awt.Color(255, 255, 255));
60     btnAnalizar.setText("Analizar");
61     btnAnalizar.addActionListener(new java.awt.event.ActionListener() {
62         public void actionPerformed(java.awt.event.ActionEvent evt) {
63             btnAnalizarActionPerformed(evt);
64         }
65     });
66
67     txtResultados.setEditable(false);
68     txtResultados.setColumns(20);
69     txtResultados.setRows(5);
70     jScrollPane1.setViewportView(txtResultados);
71
72     jScrollPane2.setViewportView(jScrollPane1);
73
74     jLabel2.setFont(new java.awt.Font("Segoe UI Historic", 1, 36)); // NOI18N
75     jLabel2.setForeground(new java.awt.Color(0, 102, 51));
76     jLabel2.setText("Analizador Léxico HTML");
77
78     btnLimpiar.setBackground(new java.awt.Color(102, 102, 255));
79     btnLimpiar.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
80     btnLimpiar.setForeground(new java.awt.Color(255, 255, 255));
81     btnLimpiar.setText("Limpiar");
82     btnLimpiar.addActionListener(new java.awt.event.ActionListener() {
83         public void actionPerformed(java.awt.event.ActionEvent evt) {
84             btnLimpiarActionPerformed(evt);

```

```

85     }
86     });
87
88     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
89     getContentPane().setLayout(layout);
90     layout.setHorizontalGroup(
91         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
92             .addGroup(layout.createSequentialGroup()
93                 .addGap(6, 6, 6)
94                 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
95                     .addGroup(layout.createSequentialGroup()
96                         .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
97                         .addGap(18, 18, 18)
98                         .addComponent(lblLogo, javax.swing.GroupLayout.PREFERRED_SIZE, 215, javax.swing.GroupLayout.PREFERRED_SIZE))
99                     .addGroup(layout.createSequentialGroup()
100                         .addGap(6, 6, 6)
101                         .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
102                             .addGroup(layout.createSequentialGroup()
103                                 .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 654, javax.swing.GroupLayout.PREFERRED_SIZE)
104                                 .addGap(18, 18, 18))
105                             .addGroup(layout.createSequentialGroup()
106                                 .addComponent(btnAnalizar, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
107                                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
108                                 .addComponent(btnLimpiar, javax.swing.GroupLayout.PREFERRED_SIZE, 105, javax.swing.GroupLayout.PREFERRED_SIZE)
109                                 .addGap(57, 57, 57))))))
110             .addGap(6, 6, 6)
111     );
112     layout.setVerticalGroup(
113         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
114             .addGroup(layout.createSequentialGroup()
115                 .addGap(6, 6, 6)
116                 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
117                     .addGroup(layout.createSequentialGroup()
118                         .addComponent(lblLogo, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
119                         .addGap(18, 18, 18)
120                         .addComponent(btnAnalizar, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.PREFERRED_SIZE)
121                         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
122                         .addComponent(btnLimpiar, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.PREFERRED_SIZE)
123                         .addGap(42, 42, 42))
124                     .addGroup(layout.createSequentialGroup()
125                         .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 374, javax.swing.GroupLayout.PREFERRED_SIZE)
126                         .addGap(6, 6, 6))
127                 .addGap(6, 6, 6)
128             );
129
130     pack();
131     // </editor-fold>
132
133     private void btnAnalizarActionPerformed(java.awt.event.ActionEvent evt) {
134         JFileChooser fileChooser = new JFileChooser();
135         fileChooser.setDialogTitle("Selecciona un archivo .txt con contenido HTML");
136         fileChooser.setFileFilter(new FileNameExtensionFilter("Archivos de texto (*.txt)", "txt"));
137         int result = fileChooser.showOpenDialog(this);
138
139         if (result == JFileChooser.APPROVE_OPTION) {
140             File selectedFile = fileChooser.getSelectedFile();
141             try {
142                 // Leer el archivo seleccionado
143                 FileReader reader = new FileReader(selectedFile);
144                 Lexer lexer = new Lexer(reader);
145
146                 // Lista para almacenar los tokens
147                 List<Lexer.Token> tokens = new ArrayList<>();
148                 Lexer.Token token;
149
150                 // Procesar todos los tokens
151                 while ((token = lexer.yylex()) != null) {
152                     tokens.add(token);
153                 }
154
155                 // Encabezados de la tabla
156                 String header = String.format("%-15s%-25s%-50s%-35s\n", "Línea", "Columna", "Tipo", "Valor") +
157                     String.format("%-9s%-18s%-20s%-35s\n", "*****", "*****", "*****", "*****");
158
159                 // Mostrar los tokens en el JTextArea con el nuevo formato
160                 StringBuilder displayText = new StringBuilder(header);
161                 for (Lexer.Token t : tokens) {
162                     displayText.append(String.format("%-20d%-20d%-45s%-35s\n",
163                         t.line, t.column, t.type, t.value));
164                 }
165                 txtResultados.setText(displayText.toString());
166
167                 // Exportar los tokens a salida.txt con el mismo formato
168                 try (PrintWriter writer = new PrintWriter("salida.txt")) {
169                     writer.print(header);
170                     for (Lexer.Token t : tokens) {
171                         writer.printf("%-15d%-9d%-25s%-30s\n",
172                             t.line, t.column, t.type, t.value);
173                     }
174                     System.out.println("Resultados exportados a salida.txt");
175                 } catch (IOException e) {
176                     txtResultados.setText("Error al procesar el archivo: " + e.getMessage());
177                     e.printStackTrace();
178                 }
179             } catch (Exception e) {
180                 // Manejo de excepciones
181             }
182         }
183     }

```

```

178     }
179 }
180
181 private void btnLimpiarActionPerformed(java.awt.event.ActionEvent evt) {
182     txtResultados.setText("");
183 }
184
185 /**
186  * @param args the command line arguments
187  */
188 public static void main(String args[]) {
189     /* Set the Nimbus look and feel */
190     Look and feel setting code (optional)
191
192     try {
193         for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
194             if ("Nimbus".equals(info.getName())) {
195                 javax.swing.UIManager.setLookAndFeel(info.getClassName());
196                 break;
197             }
198         }
199     } catch (ClassNotFoundException ex) {
200         java.util.logging.Logger.getLogger(AnalizadorForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
201     } catch (InstantiationException ex) {
202         java.util.logging.Logger.getLogger(AnalizadorForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
203     } catch (IllegalAccessException ex) {
204         java.util.logging.Logger.getLogger(AnalizadorForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
205     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
206         java.util.logging.Logger.getLogger(AnalizadorForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
207     }
208     //</editor-fold>
209
210     /* Create and display the form */
211     java.awt.EventQueue.invokeLater(new Runnable() {
212         public void run() {
213             new AnalizadorForm().setVisible(true);
214         }
215     });
216 }
217
218 // Variables declaration - do not modify
219 private javax.swing.JButton btnAnalizar;
220 private javax.swing.JButton btnLimpiar;
221 private javax.swing.JColorChooser jColorChooser1;
222 private javax.swing.JColorChooser jColorChooser2;
223 private javax.swing.JLabel jLabel1;
224 private javax.swing.JLabel jLabel2;
225 private javax.swing.JScrollPane jScrollPane1;
226 private javax.swing.JScrollPane jScrollPane2;

```

## Archivo de entrada (html.txt):

```
<!DOCTYPE html>
<html>
<head>
  <title>Mi Página</title>
</head>
<body>
  <h1 class="titulo">Bienvenidos</h1>
  <p id="intro">Esta es una página de prueba.</p>
  <!-- Esto es un comentario -->
  <a href="https://example.com">Enlace</a>
</body>
</html>
```

## Archivo de salida (salida.txt):

| Línea | Columna | Tipo              | Valor                          |
|-------|---------|-------------------|--------------------------------|
| 1     | 0       | MENOR_QUE         | <                              |
| 1     | 1       | TEXTO             | !DOCTYPE html                  |
| 1     | 14      | FIN_ETIQUETA      | >                              |
| 2     | 0       | ETIQUETA_APERTURA | <html                          |
| 2     | 5       | FIN_ETIQUETA      | >                              |
| 3     | 0       | ETIQUETA_APERTURA | <head                          |
| 3     | 5       | FIN_ETIQUETA      | >                              |
| 4     | 4       | ETIQUETA_APERTURA | <title                         |
| 4     | 10      | FIN_ETIQUETA      | >                              |
| 4     | 11      | TEXTO             | Mi Página                      |
| 4     | 20      | ETIQUETA_CIERRE   | </title>                       |
| 5     | 0       | ETIQUETA_CIERRE   | </head>                        |
| 6     | 0       | ETIQUETA_APERTURA | <body                          |
| 6     | 5       | FIN_ETIQUETA      | >                              |
| 7     | 4       | ETIQUETA_APERTURA | <h1                            |
| 7     | 7       | TEXTO             | class="titulo"                 |
| 7     | 22      | FIN_ETIQUETA      | >                              |
| 7     | 23      | TEXTO             | Bienvenidos                    |
| 7     | 34      | ETIQUETA_CIERRE   | </h1>                          |
| 8     | 4       | ETIQUETA_APERTURA | <p                             |
| 8     | 6       | TEXTO             | id="intro"                     |
| 8     | 17      | FIN_ETIQUETA      | >                              |
| 8     | 18      | TEXTO             | Esta es una página de prueba.  |
| 8     | 47      | ETIQUETA_CIERRE   | </p>                           |
| 9     | 4       | COMENTARIO        | <!-- Esto es un comentario --> |
| 10    | 4       | ETIQUETA_APERTURA | <a                             |
| 10    | 6       | TEXTO             | href="https://example.com"     |
| 10    | 33      | FIN_ETIQUETA      | >                              |
| 10    | 34      | TEXTO             | Enlace                         |
| 10    | 40      | ETIQUETA_CIERRE   | </a>                           |
| 11    | 0       | ETIQUETA_CIERRE   | </body>                        |
| 12    | 0       | ETIQUETA_CIERRE   | </html>                        |



## Crear el repositorio en GitHub

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

*Required fields are marked with an asterisk (\*).*

Owner \*

Repository name \*

Cardonagt / AnalizadorLexicoHTML

AnalizadorLexicoHTML is available.

Great repository names are short and memorable. Need inspiration? How about [bug-free-octo-umbrella](#)?

Description (optional)

☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Initialize this repository with:

☐ Add a README file

This is where you can write a long description for your project. [Learn more about READMEs](#).

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files](#).

Choose a license

License: None

A license tells others what they can and can't do with your code. [Learn more about licenses](#).

## Repositorio Creado en GitHub

AnalizadorLexicoHTML Public

Pin Unwatch 1 Fork Star 0

**Start coding with Codespaces**  
Add a README file and start coding in a secure, configurable, and dedicated development environment.  
[Create a codespace](#)

**Add collaborators to this repository**  
Search for people using their GitHub username or email address.  
[Invite collaborators](#)

**Quick setup — if you've done this kind of thing before**

Set up in Desktop

 or 

HTTPS

SSH

https://github.com/Cardonagt/AnalizadorLexicoHTML.git

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

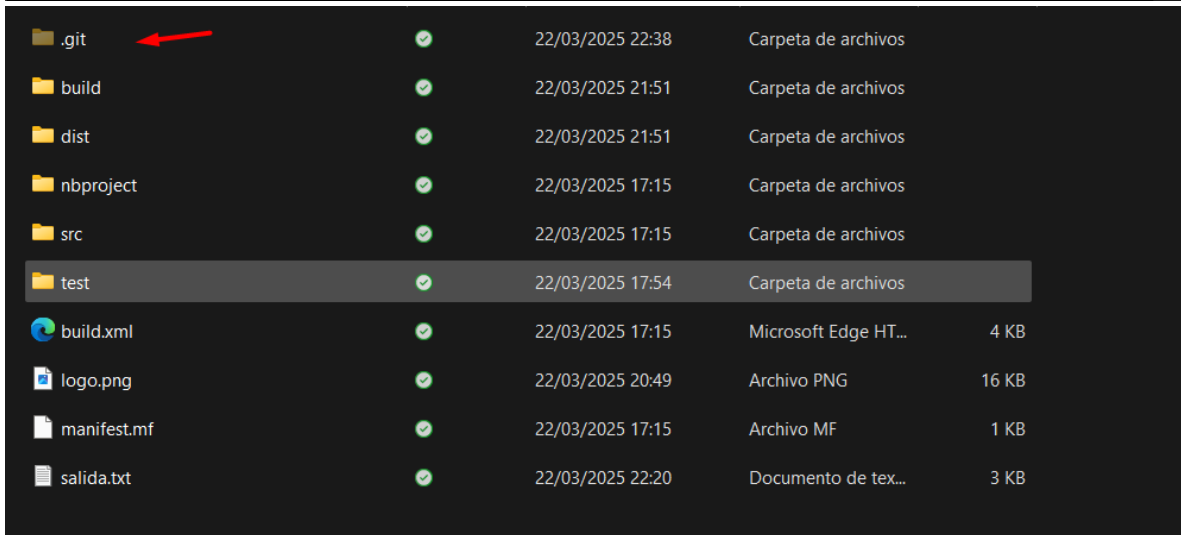
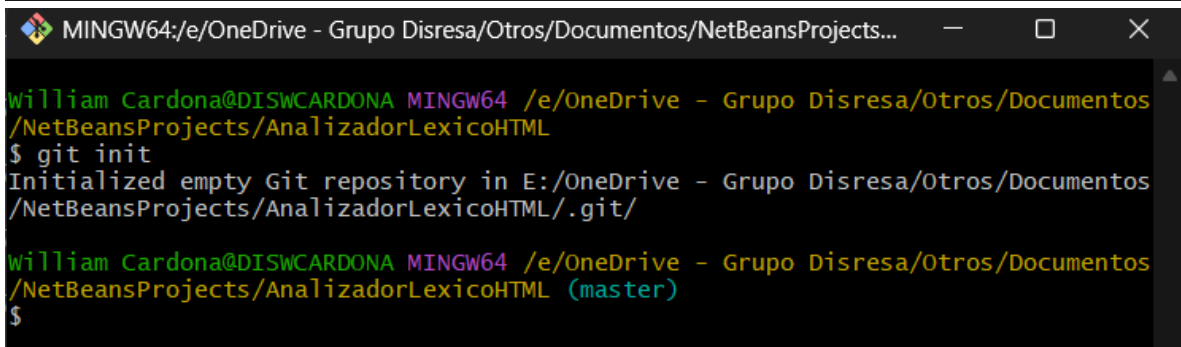
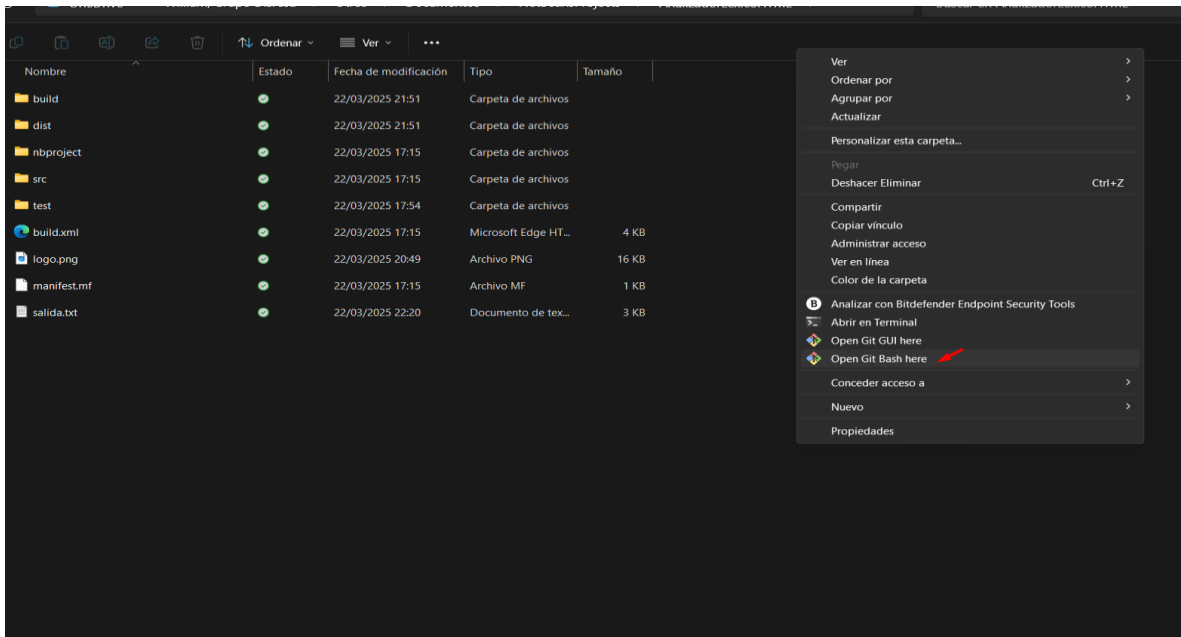
**...or create a new repository on the command line**

```
echo "# AnalizadorLexicoHTML" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Cardonagt/AnalizadorLexicoHTML.git
git push -u origin main
```

**...or push an existing repository from the command line**

```
git remote add origin https://github.com/Cardonagt/AnalizadorLexicoHTML.git
git branch -M main
git push -u origin main
```

## Inicializar Git en tu proyecto local



## Vincular tu repositorio local con el remoto

### ...or push an existing repository from the command line

```
git remote add origin https://github.com/Cardonagt/AnalizadorLexicoHTML.git  
git branch -M main
```

```
William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos  
/NetBeansProjects/AnalizadorLexicoHTML (master)  
$ git remote add origin https://github.com/Cardonagt/AnalizadorLexicoHTML.git
```

## Agregar todos los archivos al staging

```
William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos  
/NetBeansProjects/AnalizadorLexicoHTML (master)  
$ git add .  
warning: in the working copy of 'build/classes/analizadorlexicohtml/AnalizadorForm.form', LF will be replaced by CRLF the next time Git touches it  
warning: in the working copy of 'build/classes/analizadorlexicohtml/Lexer.jflex', LF will be replaced by CRLF the next time Git touches it  
warning: in the working copy of 'dist/README.TXT', LF will be replaced by CRLF the next time Git touches it  
warning: in the working copy of 'src/analizadorlexicohtml/AnalizadorForm.form', LF will be replaced by CRLF the next time Git touches it  
warning: in the working copy of 'src/analizadorlexicohtml/AnalizadorForm.java', LF will be replaced by CRLF the next time Git touches it  
warning: in the working copy of 'src/analizadorlexicohtml/Lexer.jflex', LF will be replaced by CRLF the next time Git touches it
```

## Crear un commit

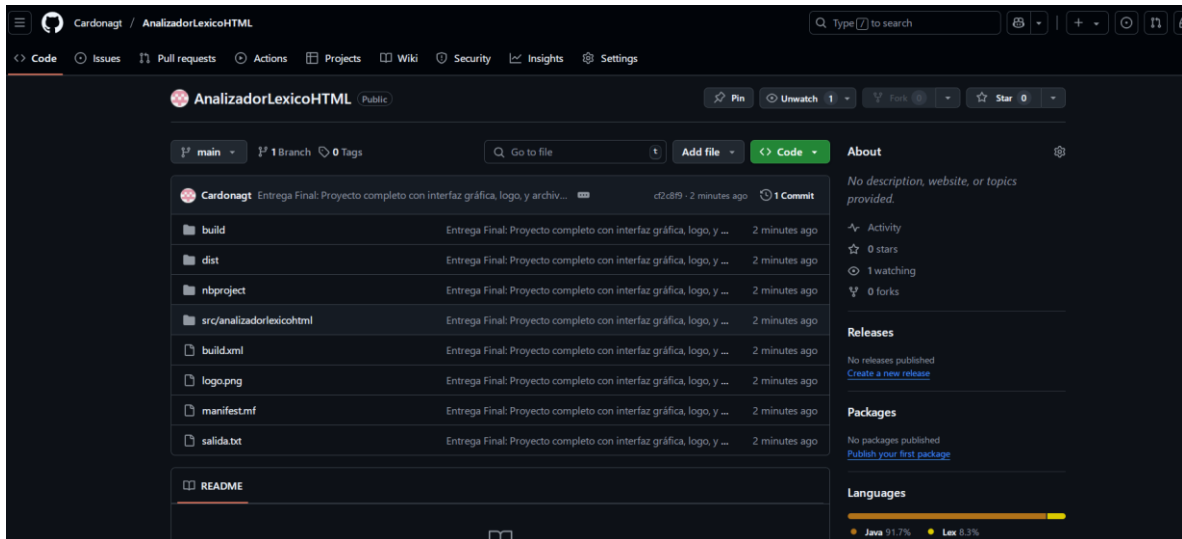
```
William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos
/NetBeansProjects/AnalizadorLexicoHTML (master)
$ git commit -m "Entrega Final: Proyecto completo con interfaz gráfica, logo, y
archivos de entrada/salida"
[master (root-commit) cf2c8f9] Entrega Final: Proyecto completo con interfaz grá
fica, logo, y archivos de entrada/salida
35 files changed, 3616 insertions(+)
create mode 100644 build.xml
create mode 100644 build/built-jar.properties
create mode 100644 build/classes/.netbeans_automatic_build
create mode 100644 build/classes/.netbeans_update_resources
create mode 100644 build/classes/analizadorlexicohtml/AnalizadorForm$1.class
create mode 100644 build/classes/analizadorlexicohtml/AnalizadorForm$2.class
create mode 100644 build/classes/analizadorlexicohtml/AnalizadorForm$3.class
create mode 100644 build/classes/analizadorlexicohtml/AnalizadorForm.class
create mode 100644 build/classes/analizadorlexicohtml/AnalizadorForm.form
create mode 100644 build/classes/analizadorlexicohtml/Lexer$Token.class
create mode 100644 build/classes/analizadorlexicohtml/Lexer.class
create mode 100644 build/classes/analizadorlexicohtml/Lexer.jflex
create mode 100644 build/classes/analizadorlexicohtml/Main.class
create mode 100644 build/classes/analizadorlexicohtml/codigo.txt
create mode 100644 build/classes/analizadorlexicohtml/html.txt
create mode 100644 dist/AnalizadorLexicoHTML.jar
create mode 100644 dist/README.TXT
create mode 100644 dist/lib/jflex-full-1.9.1.jar
create mode 100644 logo.png
create mode 100644 manifest.mf
create mode 100644 nbproject/build-impl.xml
create mode 100644 nbproject/genfiles.properties
create mode 100644 nbproject/private/config.properties
create mode 100644 nbproject/private/private.properties
create mode 100644 nbproject/private/private.xml
create mode 100644 nbproject/project.properties
create mode 100644 nbproject/project.xml
create mode 100644 salida.txt
create mode 100644 src/analizadorlexicohtml/AnalizadorForm.form
create mode 100644 src/analizadorlexicohtml/AnalizadorForm.java
create mode 100644 src/analizadorlexicohtml/Lexer.java
create mode 100644 src/analizadorlexicohtml/Lexer.jflex
create mode 100644 src/analizadorlexicohtml/Main.java
create mode 100644 src/analizadorlexicohtml/codigo.txt
create mode 100644 src/analizadorlexicohtml/html.txt
```

## Subir los cambios a GitHub

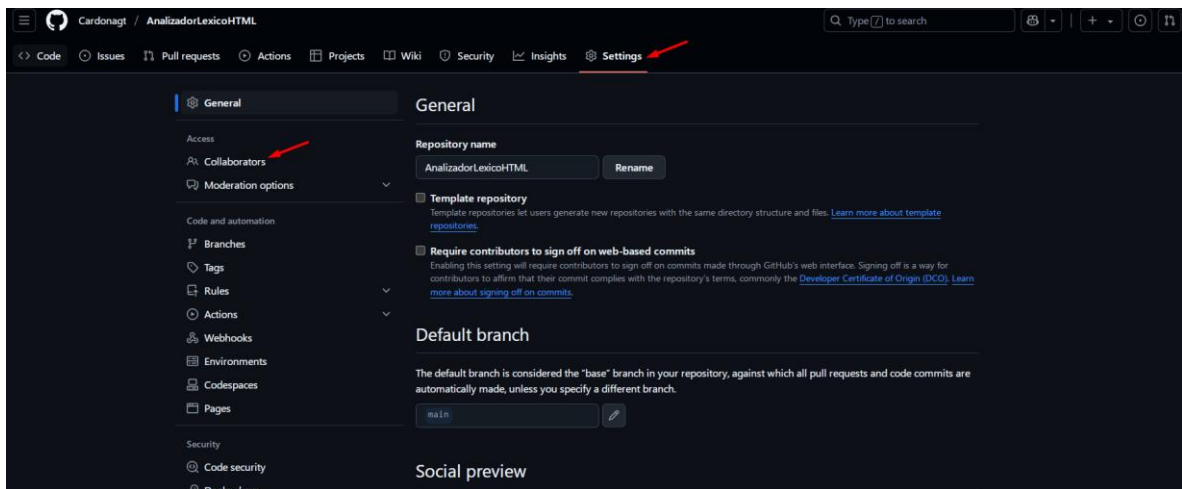
```
William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos
/NetBeansProjects/AnalizadorLexicoHTML (master)
$ git branch -M main

William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos/NetBeansProjects/AnalizadorLexicoHTML (main)
$ git push -u origin main
Enumerating objects: 40, done.
Counting objects: 100% (40/40), done.
Delta compression using up to 14 threads
Compressing objects: 100% (37/37), done.
Writing objects: 100% (40/40), 1.74 MiB | 1.20 MiB/s, done.
Total 40 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Cardonagt/AnalizadorLexicoHTML.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

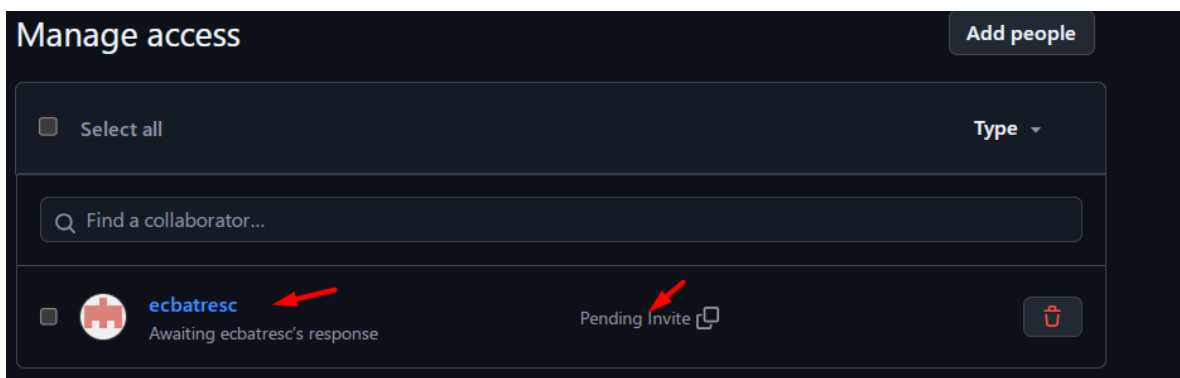
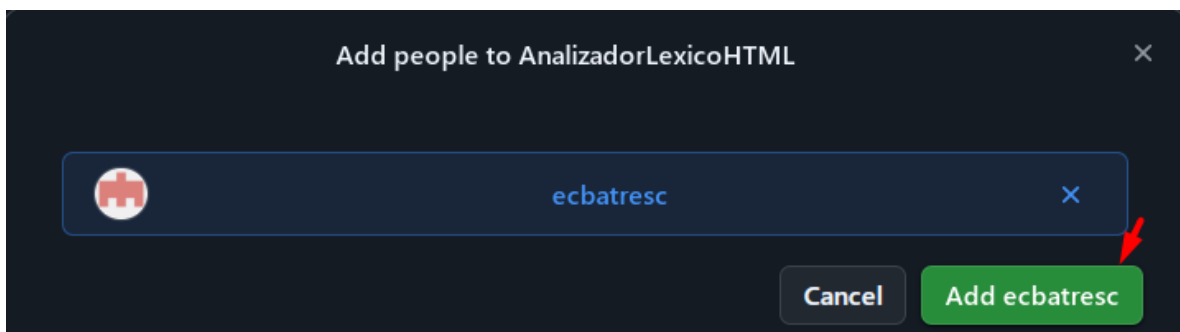
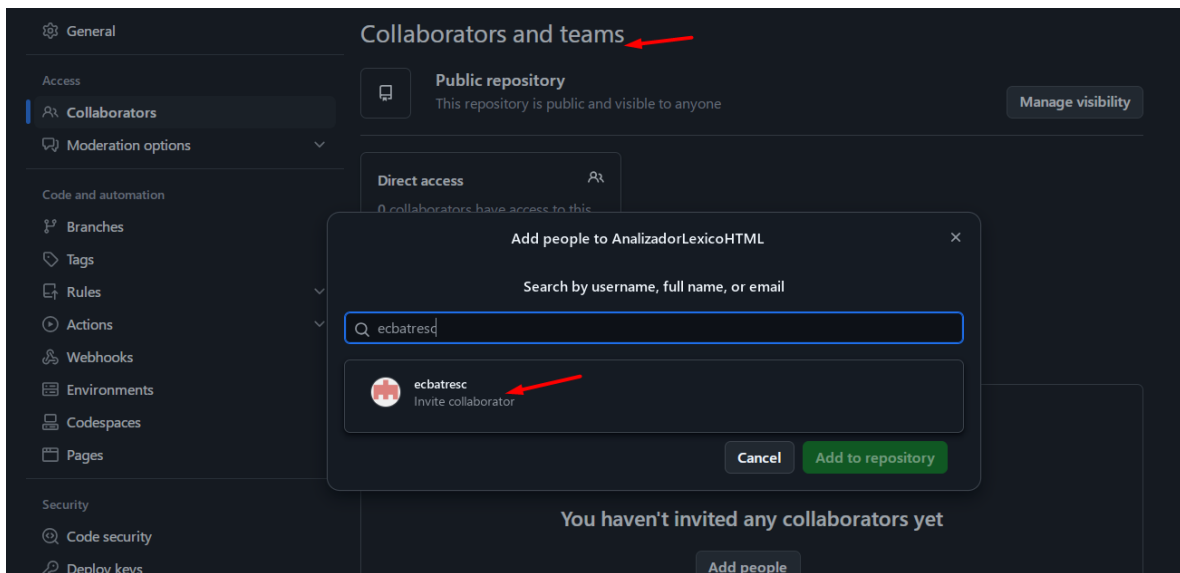
## Verificación de Código en GitHub



## Invitación al repositorio



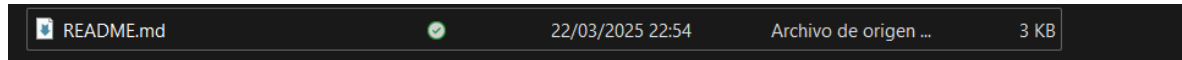
## Invitación al colaborador “ecbatresc”



Enlace de invitación:

<https://github.com/Cardonagt/AnalizadorLexicoHTML/invitations>

## Creación de README.md

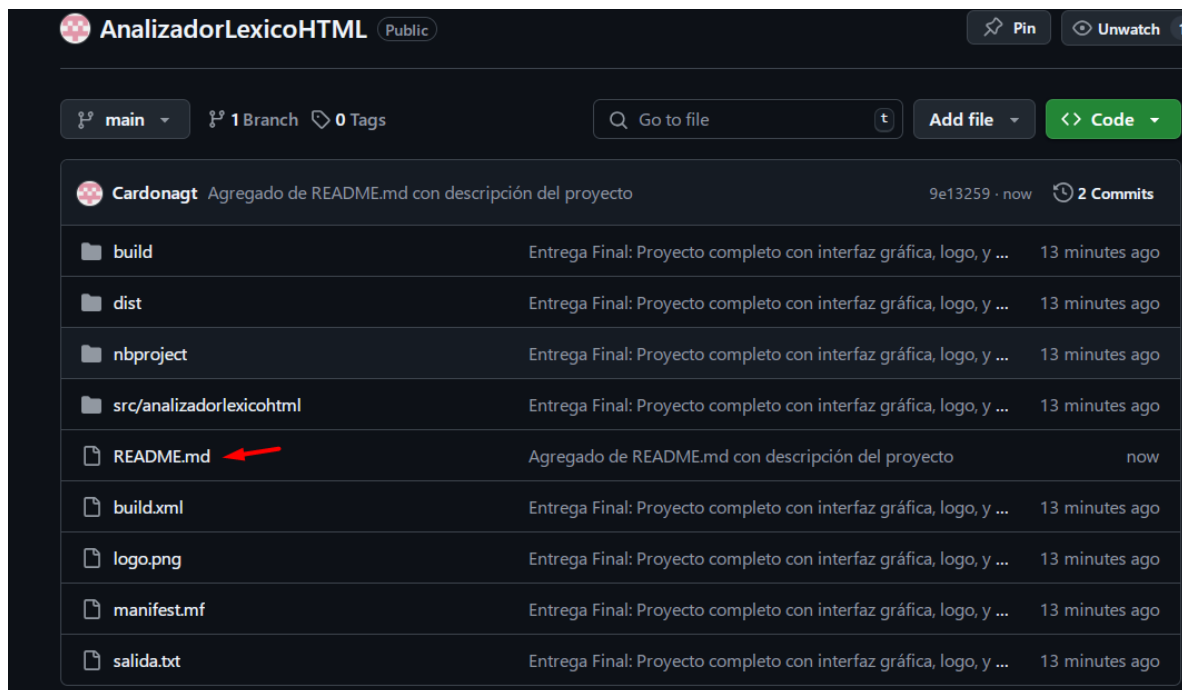


### Subir cambios:

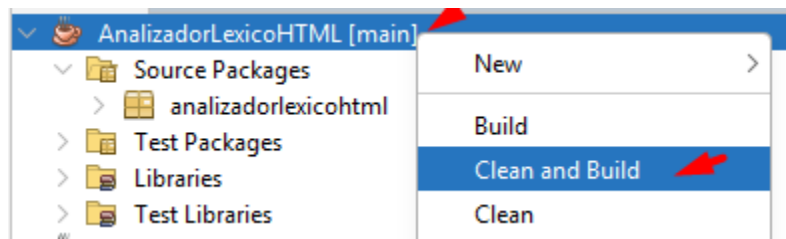
```
William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos/NetBeansProjects/AnalizadorLexicoHTML (main)
$ git add README.md

William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos/NetBeansProjects/AnalizadorLexicoHTML (main)
$ git commit -m "Agregado de README.md con descripción del proyecto"
[main 9e13259] Agregado de README.md con descripción del proyecto
1 file changed, 40 insertions(+)
create mode 100644 README.md

William Cardona@DISWCARDONA MINGW64 /e/OneDrive - Grupo Disresa/Otros/Documentos/NetBeansProjects/AnalizadorLexicoHTML (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 14 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.27 KiB | 1.27 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Cardonagt/AnalizadorLexicoHTML.git
cf2c8f9..9e13259 main -> main
```

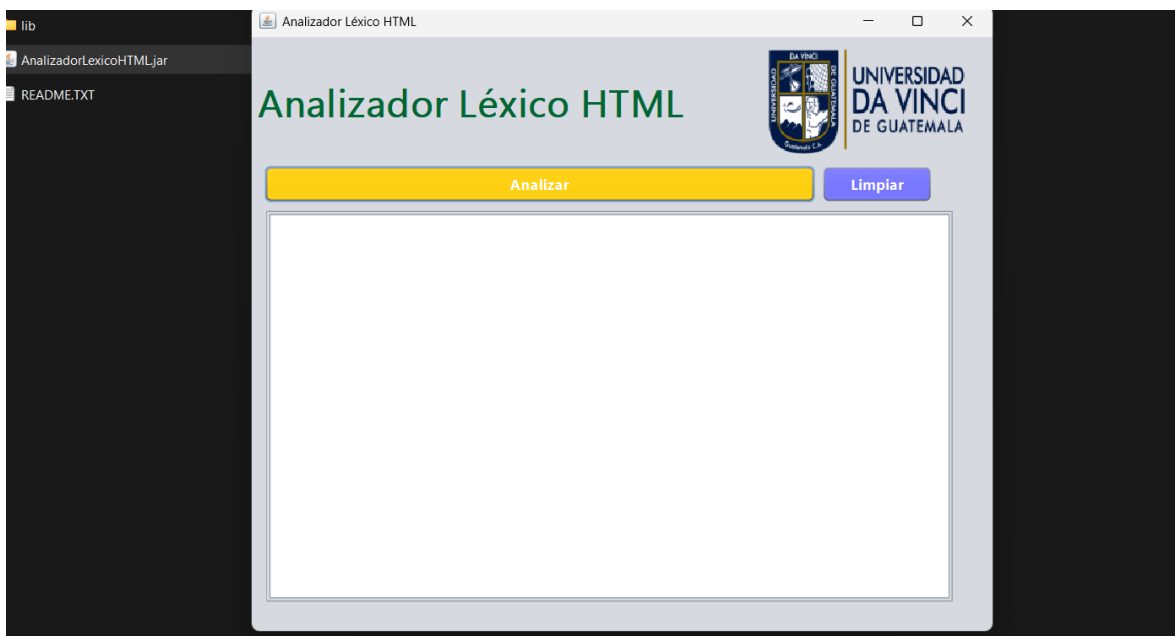


## Hacer el programa ejecutable (crear un archivo .jar)



| Nombre      | Estado | Fecha de modificación | Tipo                  | Tamaño |
|-------------|--------|-----------------------|-----------------------|--------|
| .git        | ✓      | 22/03/2025 23:02      | Carpeta de archivos   |        |
| build       | ☁      | 23/03/2025 00:16      | Carpeta de archivos   |        |
| dist        | ✓      | 23/03/2025 00:16      | Carpeta de archivos   |        |
| nbproject   | ✓      | 22/03/2025 17:15      | Carpeta de archivos   |        |
| src         | ✓      | 22/03/2025 17:15      | Carpeta de archivos   |        |
| test        | ✓      | 22/03/2025 17:54      | Carpeta de archivos   |        |
| build.xml   | ✓      | 22/03/2025 17:15      | Microsoft Edge HT...  | 4 KB   |
| logo.png    | ✓      | 22/03/2025 20:49      | Archivo PNG           | 16 KB  |
| manifest.mf | ✓      | 22/03/2025 17:15      | Archivo MF            | 1 KB   |
| README.md   | ✓      | 22/03/2025 22:54      | Archivo de origen ... | 3 KB   |
| salida.txt  | ✓      | 22/03/2025 22:20      | Documento de tex...   | 3 KB   |

|                          |   |                  |                     |       |
|--------------------------|---|------------------|---------------------|-------|
| lib                      | ✓ | 23/03/2025 00:16 | Carpeta de archivos |       |
| AnalizadorLexicoHTML.jar | ✓ | 23/03/2025 00:16 | Executable Jar File | 33 KB |
| README.TXT               | ✓ | 23/03/2025 00:16 | Documento de tex... | 2 KB  |





## Enlace del Video

[Video Proyecto Analizador Léxico](#)