



UNIVERSIDAD DE SAN CARLOS DE
GUATEMALA
ORGANIZACIÓN DE LENGUAJES Y
COMPILADORES 2

MANUAL DE USUARIO

MinorC:

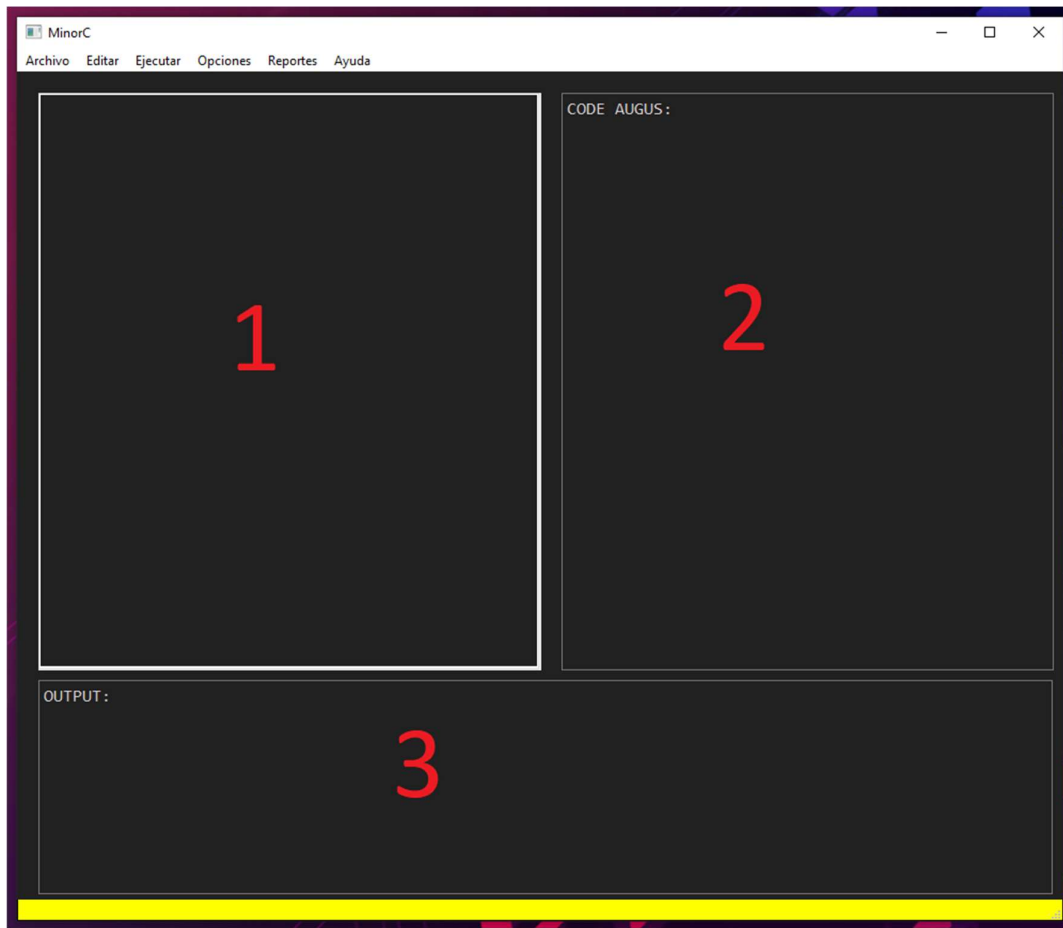
Es un lenguaje de programación basado en C que funcionaría como subconjunto de él.

Requisitos para la ejecución de Minor C:

- Windows 10 x64 Bits
- Python 3.8
- Graphviz
- reportLab
- Otra opción sería ejecutar un instalador proporcionado

DashBoard Principal:

En el dashboard principal se mostrarán varios editores, en el cual el Numero 1, se mostrará el código Minor C ya sea ingresado por texto o al cargar un archivo, en el Editor Numero 2 se mostrará el código Intermedio generado por medio de la traducción de MinorC y el editor 3 será una consola que mostrara las salidas del interprete Augus_



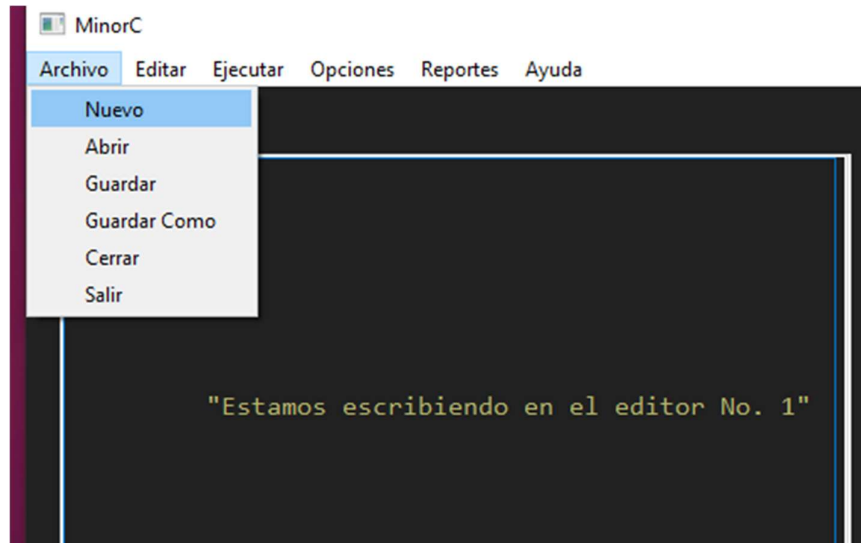
Menú Principal:

El menú principal mostrara las opciones que tiene la aplicación, estas se describen a continuación:

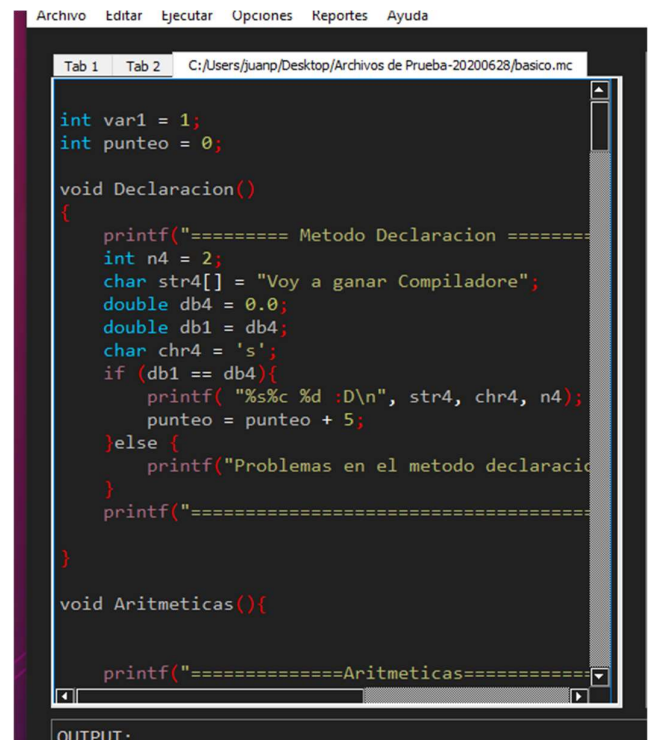
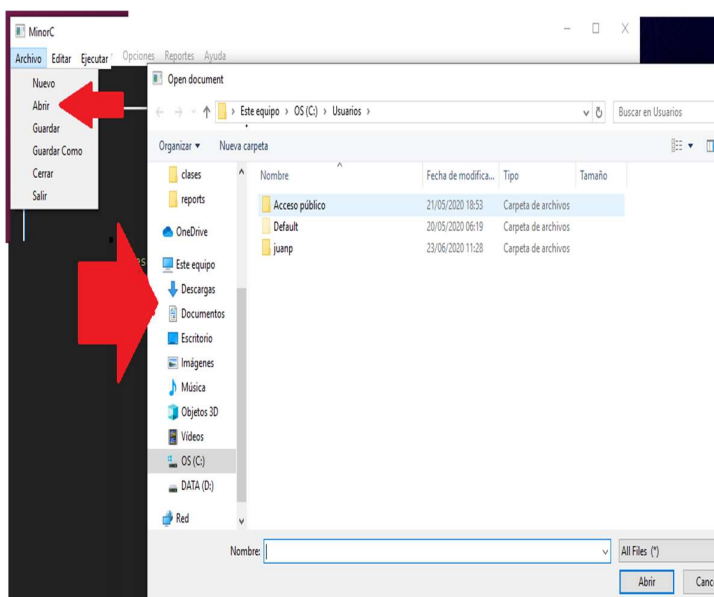
Archivo

Contara con 6 opciones la primera de ellas es:

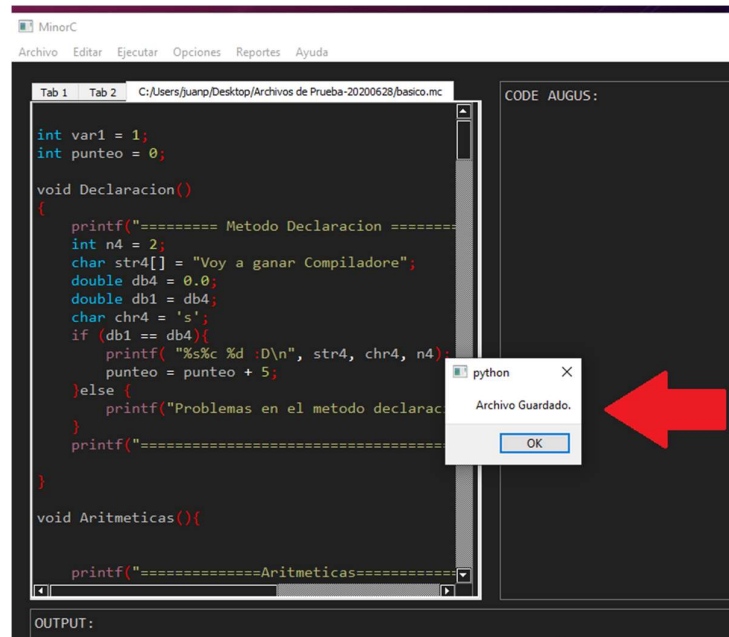
Nuevo: Esta opción habilitara un área para poder escribir en la sección del editor 1.



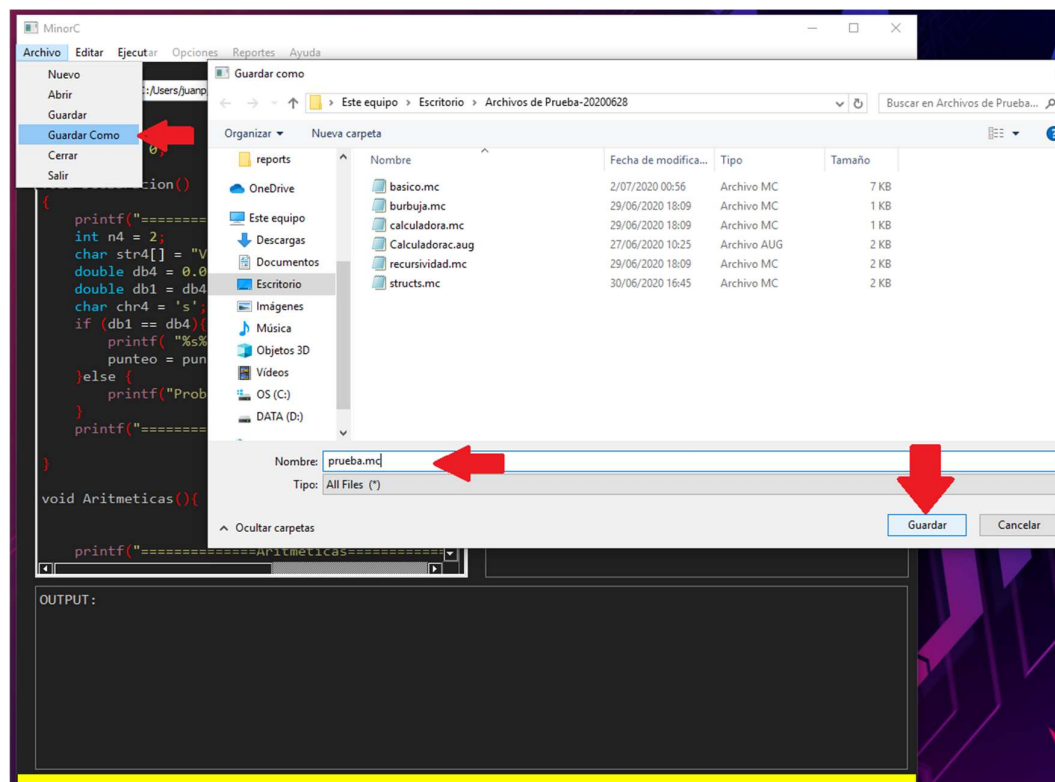
Abrir: Esta Opción desplegara el explorador de archivos de Windows para que se seleccione un archivo deseado, para posteriormente colocar el texto en el editor 1.



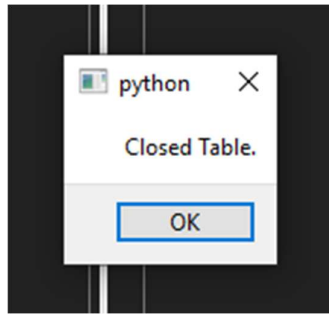
Guardar: Guardara los cambios existentes en el archivo de la pestaña actual, mostrando un mensaje de éxito al finalizar.



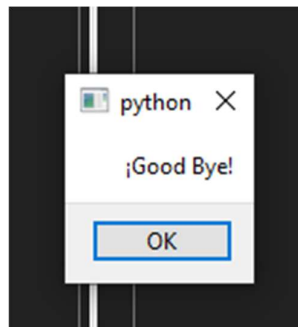
Guardar Como: Esta función es muy similar a la anterior, pero con diferencia que desplegará el explorador de Windows para seleccionar la ruta deseada y colocarle el nombre que se desee, cabe mencionar que esta opción **NO** sobrescribirá el documento actual, a diferencia de la opción "Guardar".



Cerrar: Esta opción Cerrara la pestaña actual mostrando un mensaje de éxito.



Salir: Esta opción cerrara la aplicación, mostrando un mensaje de éxito.



Editar:

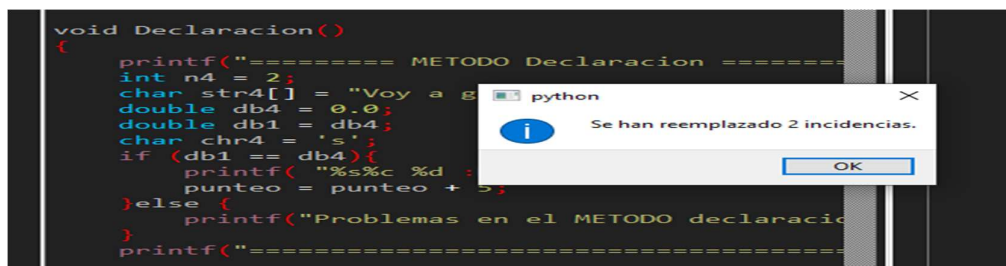
Esta sección de la aplicación contara con todas las opciones para manipular el texto en el editor principal.

Copiar: Esta opción copia el texto en el edito.

Pegar: Pega el texto copiado con anterioridad.

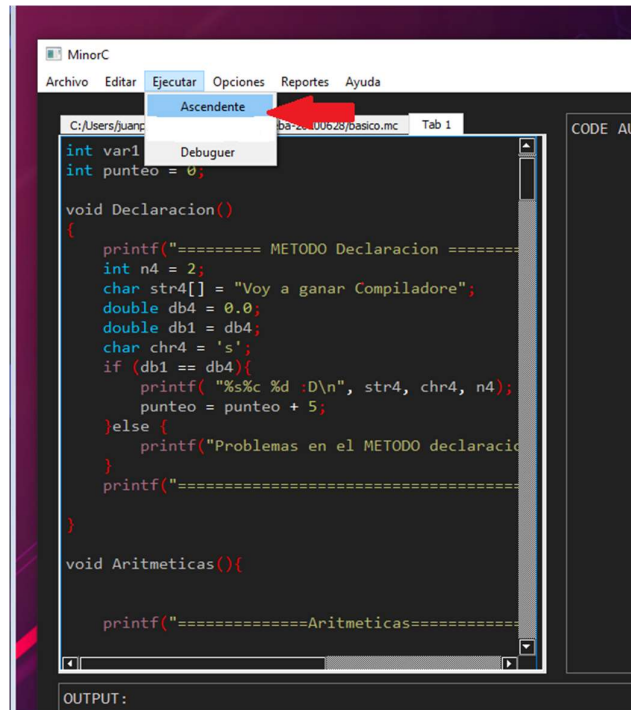
Cortar: Esta opción es muy similar a copiar, la diferencia es que cortar elimina el texto del edito de origen

Buscar y reemplazar: Busca una palabra especifica y reemplaza todas las incidencias por una palabra especifica.

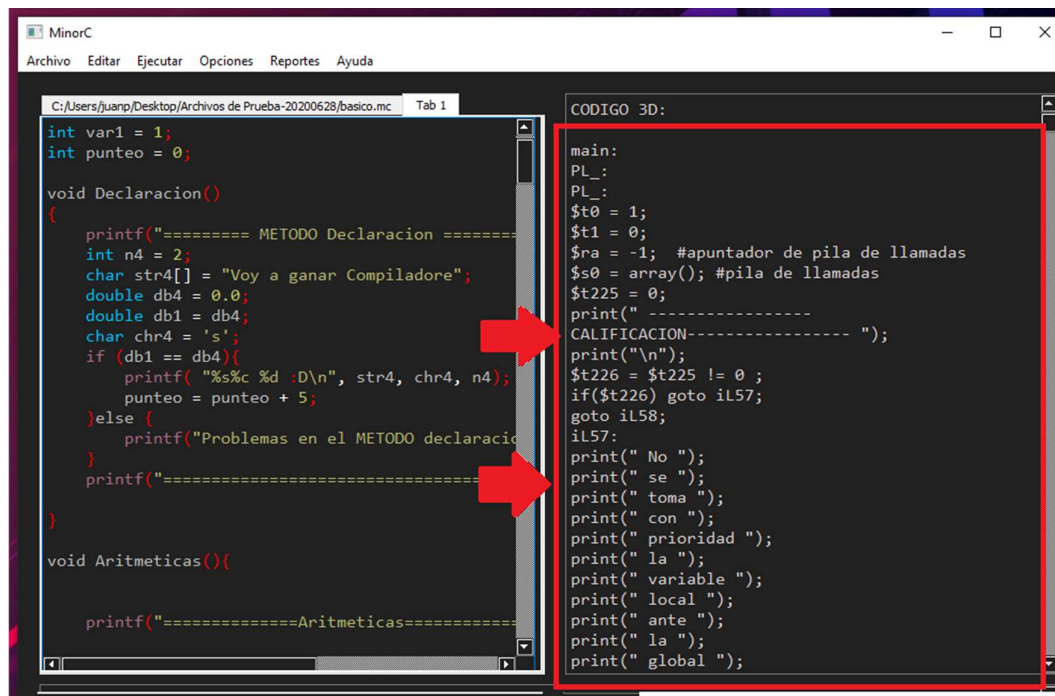


Ejecutar:

Esta sección de la aplicación será la encargada de ejecutar el código escrito en MinorC, dando inicio al proceso de traducción e Interpretación del código.



Al seleccionar la opción de "Ejecutar", alrededor de unos segundos se mostrará la traducción en **editor Numero 2**, que será el encargado de mostrar la traducción realizada del lenguaje MinorC al lenguaje Augus.



La consola de Salida será el editor Numero 3, el cual será el encargado de mostrar las impresiones de pantalla que se definieron en el código.

The screenshot shows the MinGW IDE with two tabs. The left tab contains C code with functions `Declaracion()` and `Aritmeticas()`. The right tab contains assembly code. The bottom panel shows the output of the program, which includes the output of `Declaracion()` and `Aritmeticas()`. Three red arrows point from the code to the output: one from the `Declaracion()` function call, one from the `Aritmeticas()` function call, and one from the `printf` statement inside `Aritmeticas()`.

```

int var1 = 1;
int punteo = 0;

void Declaracion()
{
    printf("----- METODO Declaracion -----");
    int n4 = 2;
    char str4[] = "Voy a ganar Compiladore";
    double db4 = 0.0;
    double db1 = db4;
    char chr4 = 's';
    if (db1 == db4){
        printf(" %s %c %d :D\n", str4, chr4, n4);
        punteo = punteo + 5;
    }else {
        printf("Problemas en el METODO declaracion");
    }
    printf("-----");
}

void Aritmeticas(){
    printf("=====Aritmeticas=====");
}
  
```

```

main:
PL_:
PL_:
$t0 = 1;
$t1 = 0;
$ra = -1; #apuntador de pila de llamadas
$so = array(); #pila de llamadas
$t225 = 0;
print(" -----");
CALIFICACION----- ");
print("\n");
$t226 = $t225 != 0 ;
if($t226) goto il57;
goto il58;
il57:
print(" No ");
print(" se ");
print(" toma ");
print(" con ");
print(" prioridad ");
print(" la ");
print(" variable ");
print(" local ");
print(" ante ");
print(" la ");
print(" global ");
  
```

```

OUTPUT:
-----CALIFICACION-----
----- METODO Declaracion -----
Voy a ganar Compiladores2 :D
-----
=====Aritmeticas=====
El valor de n1 = 52.1
El valor de n3 = 70.0
Operaciones Aritmeticas 1: valor esperado:
a)62
  
```

Barra de Status: Esta se sitúa en la parte inferior de la aplicación, la cual en un estado inicial estará en color amarillo, después de analizar cambiara de color según el caso, verde: análisis correcto, rojo: errores en el código.

This screenshot is identical to the previous one, showing the same code and output. However, the status bar at the bottom of the IDE window is now green, indicating a successful analysis. Three red arrows point from the code to the output, similar to the first image.

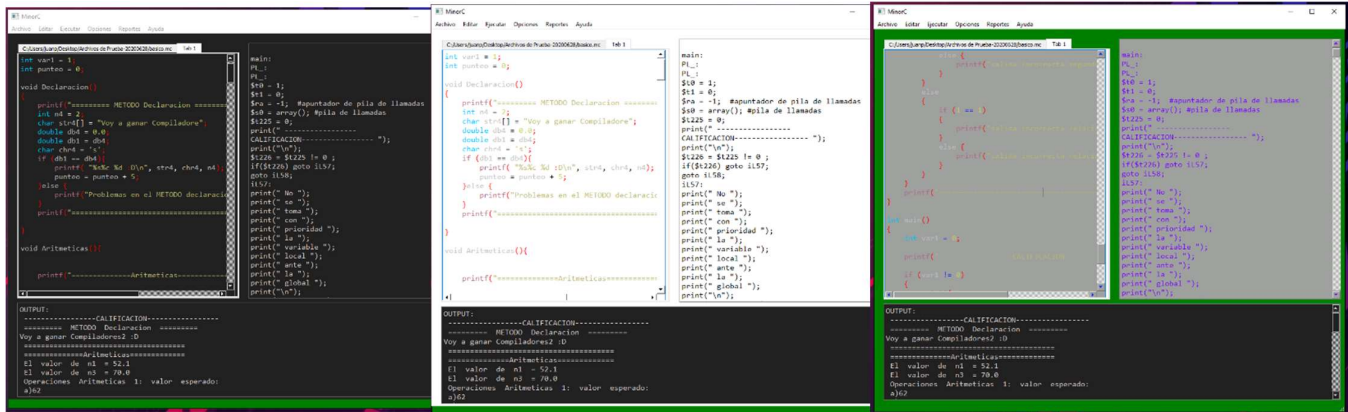
Opciones:

Esta sección tendrá opciones de cambiar los temas de la aplicación, actualmente cuenta con los temas, Dark, Light y Material:

Dark:

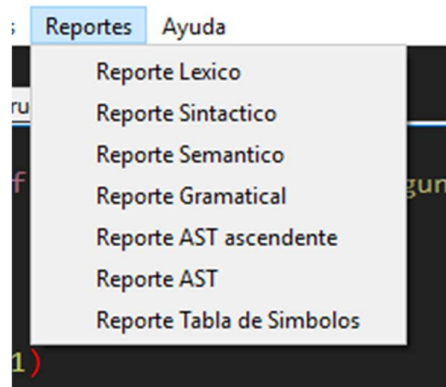
Light:

Material:

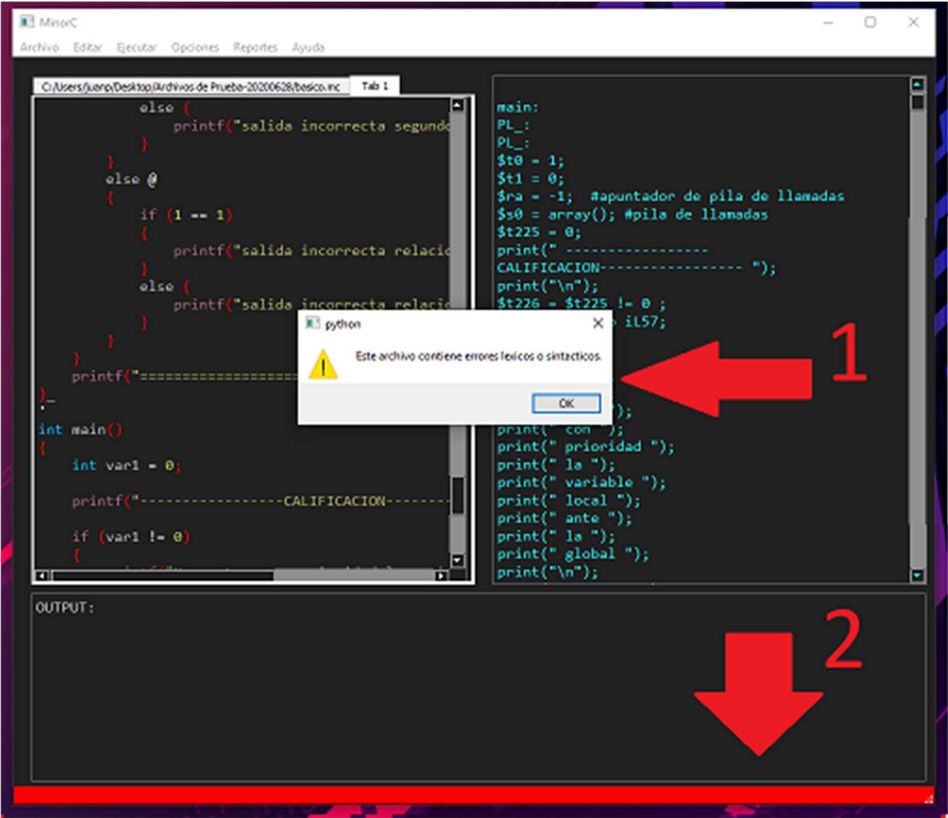


Reportes:

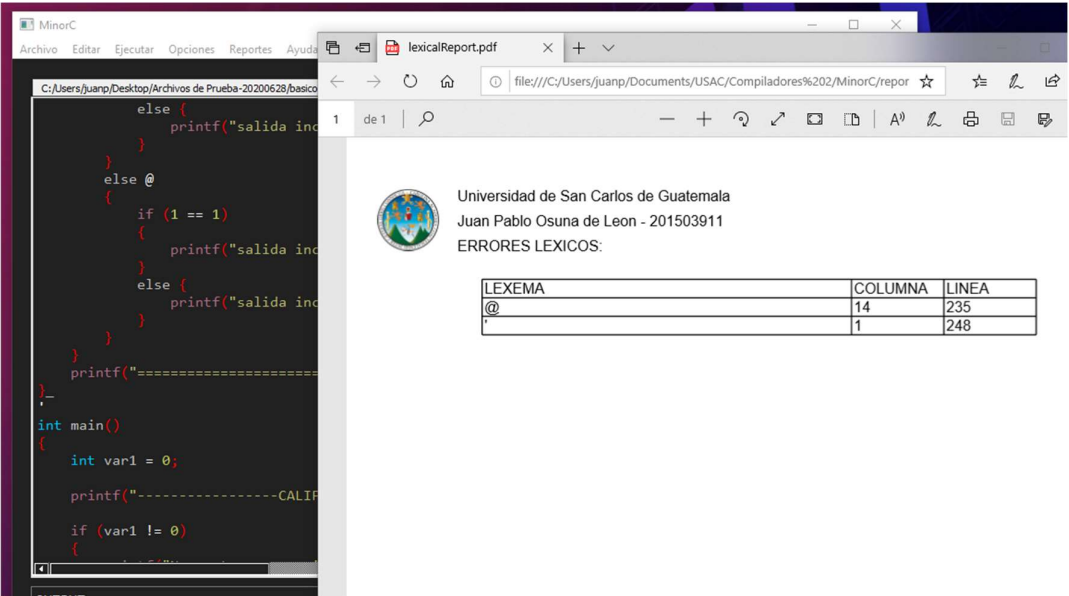
Esta sección de reportes será la encargada de desplegar todos los reportes que se generen a lo largo del ciclo de vida de la ejecución:



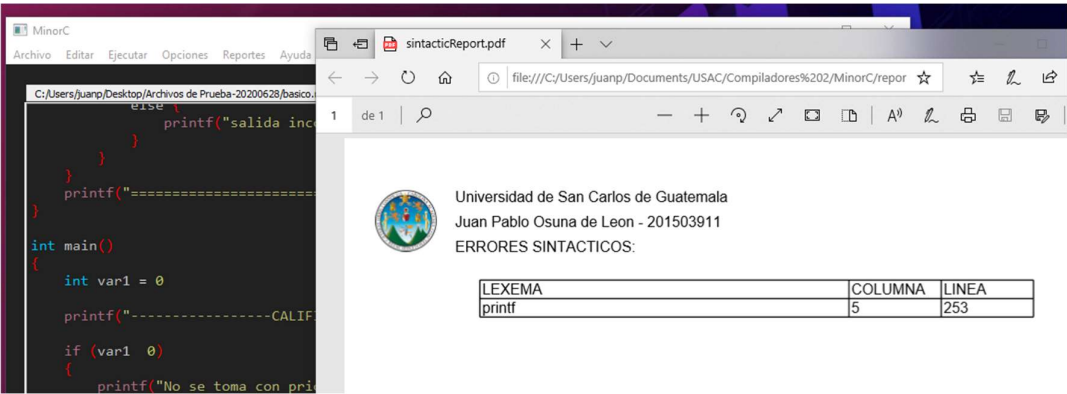
Reporte Léxico: Este reporte mostrara todos los errores léxicos que se encuentren en la ejecución, la aplicación mostrara un mensaje para alertar al usuario (1) , además de pintar la barra de status de color rojo (2).



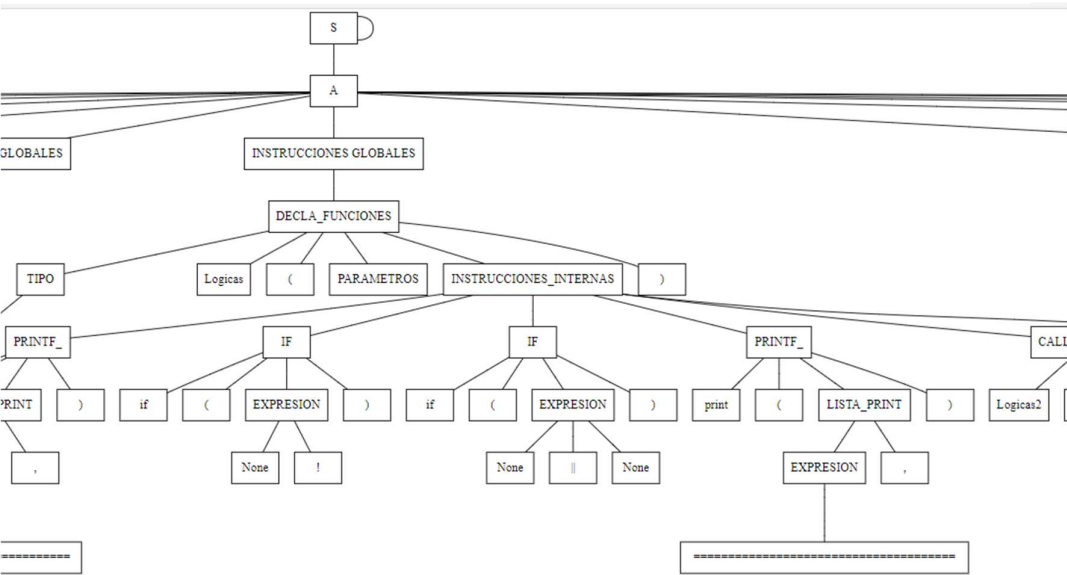
Al desplegar el reporte mostrara los errores encontrados:



Reporte sintáctico: Mostrará todos los errores correspondientes a la sintaxis de minorC, se alertará al usuario y se podrá desplegar el reporte para analizar los errores.



Reporte AST: mostrara la representación gráfica del análisis del código ingresado de minorC. (Esta imagen solo muestra una pequeña porción del grafico.)



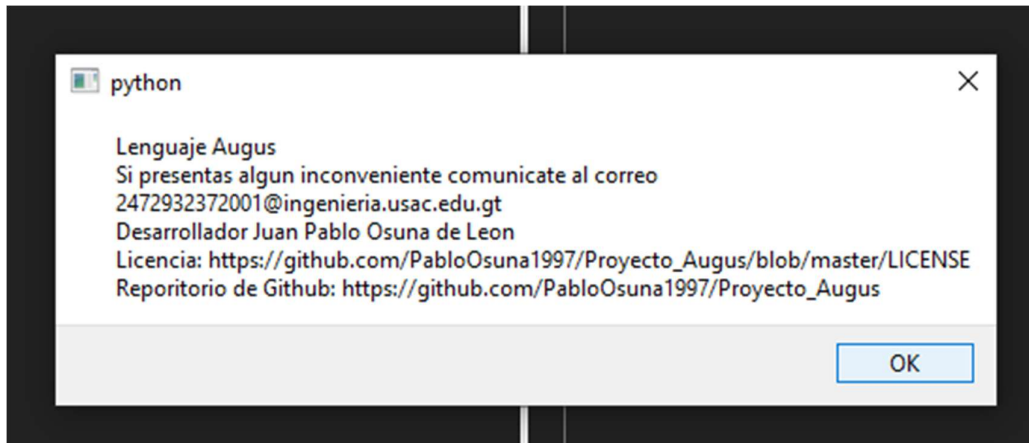
Reporte Gramatical: Este reporte mostrara la representación gramatical de la entrada, basándose en la sintaxis de minorC.

(Nota: esta es solo una porción del reporte gramatical.)

REPORTE GRAMATICAL		
PRODUCCION	REGLAS SEMANTICAS	
S → A	S.val = A.val	
A → INSTRUCCIONES_GLOBALES	A.val = INSTRUCCIONES_GLOBALES.val	
INSTRUCCIONES_GLOBALES → INSTRUCCIONES_GLOBALES DECLARACION_GLOBAL	INSTRUCCIONES_GLOBALES_1.val.append(DECLARACION_GLOBAL) INSTRUCCIONES_GLOBALES.val = INSTRUCCIONES_GLOBALES_1.val	
DECLARACION_GLOBAL → DECLARACION_GLOBAL	DECLARACION_GLOBAL.val = DECLARACION_GLOBAL.val	
DECLARACION_GLOBAL → TIPO ID PARAMETROS PARAMETROS PARDER LLAVEIZQ INSTRUCCIONES_INTERNAS LLAVEDER	DECLARACION_GLOBAL.val = FunctionDeclaration([1], [2], [4], [7], [10], [13], [16], [19], [22], [25], [28], [31], [34], [37], [40], [43], [46], [49], [52], [55], [58], [61], [64], [67], [70], [73], [76], [79], [82], [85], [88], [91], [94], [97], [100], [103], [106], [109], [112], [115], [118], [121], [124], [127], [130], [133], [136], [139], [142], [145], [148], [151], [154], [157], [160], [163], [166], [169], [172], [175], [178], [181], [184], [187], [190], [193], [196], [199], [202], [205], [208], [211], [214], [217], [220], [223], [226], [229], [232], [235], [238], [241], [244], [247], [250], [253], [256], [259], [262], [265], [268], [271], [274], [277], [280], [283], [286], [289], [292], [295], [298], [301], [304], [307], [310], [313], [316], [319], [322], [325], [328], [331], [334], [337], [340], [343], [346], [349], [352], [355], [358], [361], [364], [367], [370], [373], [376], [379], [382], [385], [388], [391], [394], [397], [400], [403], [406], [409], [412], [415], [418], [421], [424], [427], [430], [433], [436], [439], [442], [445], [448], [451], [454], [457], [460], [463], [466], [469], [472], [475], [478], [481], [484], [487], [490], [493], [496], [499], [502], [505], [508], [511], [514], [517], [520], [523], [526], [529], [532], [535], [538], [541], [544], [547], [550], [553], [556], [559], [562], [565], [568], [571], [574], [577], [580], [583], [586], [589], [592], [595], [598], [601], [604], [607], [610], [613], [616], [619], [622], [625], [628], [631], [634], [637], [640], [643], [646], [649], [652], [655], [658], [661], [664], [667], [670], [673], [676], [679], [682], [685], [688], [691], [694], [697], [699], [702], [705], [708], [711], [714], [717], [720], [723], [726], [729], [732], [735], [738], [741], [744], [747], [750], [753], [756], [759], [762], [765], [768], [771], [774], [777], [780], [783], [786], [789], [792], [795], [798], [801], [804], [807], [810], [813], [816], [819], [822], [825], [828], [831], [834], [837], [840], [843], [846], [849], [852], [855], [858], [861], [864], [867], [870], [873], [876], [879], [882], [885], [888], [891], [894], [897], [899], [902], [905], [908], [911], [914], [917], [920], [923], [926], [929], [932], [935], [938], [941], [944], [947], [950], [953], [956], [959], [962], [965], [968], [971], [974], [977], [980], [983], [986], [989], [992], [995], [998], [1001], [1004], [1007], [1010], [1013], [1016], [1019], [1022], [1025], [1028], [1031], [1034], [1037], [1040], [1043], [1046], [1049], [1052], [1055], [1058], [1061], [1064], [1067], [1070], [1073], [1076], [1079], [1082], [1085], [1088], [1091], [1094], [1097], [1100], [1103], [1106], [1109], [1112], [1115], [1118], [1121], [1124], [1127], [1130], [1133], [1136], [1139], [1142], [1145], [1148], [1151], [1154], [1157], [1160], [1163], [1166], [1169], [1172], [1175], [1178], [1181], [1184], [1187], [1190], [1193], [1196], [1199], [1202], [1205], [1208], [1211], [1214], [1217], [1220], [1223], [1226], [1229], [1232], [1235], [1238], [1241], [1244], [1247], [1250], [1253], [1256], [1259], [1262], [1265], [1268], [1271], [1274], [1277], [1280], [1283], [1286], [1289], [1292], [1295], [1298], [1301], [1304], [1307], [1310], [1313], [1316], [1319], [1322], [1325], [1328], [1331], [1334], [1337], [1340], [1343], [1346], [1349], [1352], [1355], [1358], [1361], [1364], [1367], [1370], [1373], [1376], [1379], [1382], [1385], [1388], [1391], [1394], [1397], [1400], [1403], [1406], [1409], [1412], [1415], [1418], [1421], [1424], [1427], [1430], [1433], [1436], [1439], [1442], [1445], [1448], [1451], [1454], [1457], [1460], [1463], [1466], [1469], [1472], [1475], [1478], [1481], [1484], [1487], [1490], [1493], [1496], [1499], [1502], [1505], [1508], [1511], [1514], [1517], [1520], [1523], [1526], [1529], [1532], [1535], [1538], [1541], [1544], [1547], [1550], [1553], [1556], [1559], [1562], [1565], [1568], [1571], [1574], [1577], [1580], [1583], [1586], [1589], [1592], [1595], [1598], [1601], [1604], [1607], [1610], [1613], [1616], [1619], [1622], [1625], [1628], [1631], [1634], [1637], [1640], [1643], [1646], [1649], [1652], [1655], [1658], [1661], [1664], [1667], [1670], [1673], [1676], [1679], [1682], [1685], [1688], [1691], [1694], [1697], [1700], [1703], [1706], [1709], [1712], [1715], [1718], [1721], [1724], [1727], [1730], [1733], [1736], [1739], [1742], [1745], [1748], [1751], [1754], [1757], [1760], [1763], [1766], [1769], [1772], [1775], [1778], [1781], [1784], [1787], [1790], [1793], [1796], [1799], [1802], [1805], [1808], [1811], [1814], [1817], [1820], [1823], [1826], [1829], [1832], [1835], [1838], [1841], [1844], [1847], [1850], [1853], [1856], [1859], [1862], [1865], [1868], [1871], [1874], [1877], [1880], [1883], [1886], [1889], [1892], [1895], [1898], [1901], [1904], [1907], [1910], [1913], [1916], [1919], [1922], [1925], [1928], [1931], [1934], [1937], [1940], [1943], [1946], [1949], [1952], [1955], [1958], [1961], [1964], [1967], [1970], [1973], [1976], [1979], [1982], [1985], [1988], [1991], [1994], [1997], [2000], [2003], [2006], [2009], [2012], [2015], [2018], [2021], [2024], [2027], [2030], [2033], [2036], [2039], [2042], [2045], [2048], [2051], [2054], [2057], [2060], [2063], [2066], [2069], [2072], [2075], [2078], [2081], [2084], [2087], [2090], [2093], [2096], [2099], [2102], [2105], [2108], [2111], [2114], [2117], [2120], [2123], [2126], [2129], [2132], [2135], [2138], [2141], [2144], [2147], [2150], [2153], [2156], [2159], [2162], [2165], [2168], [2171], [2174], [2177], [2180], [2183], [2186], [2189], [2192], [2195], [2198], [2201], [2204], [2207], [2210], [2213], [2216], [2219], [2222], [2225], [2228], [2231], [2234], [2237], [2240], [2243], [2246], [2249], [2252], [2255], [2258], [2261], [2264], [2267], [2270], [2273], [2276], [2279], [2282], [2285], [2288], [2291], [2294], [2297], [2300], [2303], [2306], [2309], [2312], [2315], [2318], [2321], [2324], [2327], [2330], [2333], [2336], [2339], [2342], [2345], [2348], [2351], [2354], [2357], [2360], [2363], [2366], [2369], [2372], [2375], [2378], [2381], [2384], [2387], [2390], [2393], [2396], [2399], [2402], [2405], [2408], [2411], [2414], [2417], [2420], [2423], [2426], [2429], [2432], [2435], [2438], [2441], [2444], [2447], [2450], [2453], [2456], [2459], [2462], [2465], [2468], [2471], [2474], [2477], [2480], [2483], [2486], [2489], [2492], [2495], [2498], [2501], [2504], [2507], [2510], [2513], [2516], [2519], [2522], [2525], [2528], [2531], [2534], [2537], [2540], [2543], [2546], [2549], [2552], [2555], [2558], [2561], [2564], [2567], [2570], [2573], [2576], [2579], [2582], [2585], [2588], [2591], [2594], [2597], [2600], [2603], [2606], [2609], [2612], [2615], [2618], [2621], [2624], [2627], [2630], [2633], [2636], [2639], [2642], [2645], [2648], [2651], [2654], [2657], [2660], [2663], [2666], [2669], [2672], [2675], [2678], [2681], [2684], [2687], [2690], [2693], [2696], [2699], [2702], [2705], [2708], [2711], [2714], [2717], [2720], [2723], [2726], [2729], [2732], [2735], [2738], [2741], [2744], [2747], [2750], [2753], [2756], [2759], [2762], [2765], [2768], [2771], [2774], [2777], [2780], [2783], [2786], [2789], [2792], [2795], [2798], [2801], [2804], [2807], [2810], [2813], [2816], [2819], [2822], [2825], [2828], [2831], [2834], [2837], [2840], [2843], [2846], [2849], [2852], [2855], [2858], [2861], [2864], [2867], [2870], [2873], [2876], [2879], [2882], [2885], [2888], [2891], [2894], [2897], [2900], [2903], [2906], [2909], [2912], [2915], [2918], [2921], [2924], [2927], [2930], [2933], [2936], [2939], [2942], [2945], [2948], [2951], [2954], [2957], [2960], [2963], [2966], [2969], [2972], [2975], [2978], [2981], [2984], [2987], [2990], [2993], [2996], [2999], [3002], [3005], [3008], [3011], [3014], [3017], [3020], [3023], [3026], [3029], [3032], [3035], [3038], [3041], [3044], [3047], [3050], [3053], [3056], [3059], [3062], [3065], [3068], [3071], [3074], [3077], [3080], [3083], [3086], [3089], [3092], [3095], [3098], [3101], [3104], [3107], [3110], [3113], [3116], [3119], [3122], [3125], [3128], [3131], [3134], [3137], [3140], [3143], [3146], [3149], [3152], [3155], [3158], [3161], [3164], [3167], [3170], [3173], [3176], [3179], [3182], [3185], [3188], [3191], [3194], [3197], [3200], [3203], [3206], [3209], [3212], [3215], [3218], [3221], [3224], [3227], [3230], [3233], [3236], [3239], [3242], [3245], [3248], [3251], [3254], [3257], [3260], [3263], [3266], [3269], [3272], [3275], [3278], [3281], [3284], [3287], [3290], [3293], [3296], [3299], [3302], [3305], [3308], [3311], [3314], [3317], [3320], [3323], [3326], [3329], [3332], [3335], [3338], [3341], [3344], [3347], [3350], [3353], [3356], [3359], [3362], [3365], [3368], [3371], [3374], [3377], [3380], [3383], [3386], [3389], [3392], [3395], [3398], [3401], [3404], [3407], [3410], [3413], [3416], [3419], [3422], [3425], [3428], [3431], [3434], [3437], [3440], [3443], [3446], [3449], [3452], [3455], [3458], [3461], [3464], [3467], [3470], [3473], [3476], [3479], [3482], [3485], [3488], [3491], [3494], [3497], [3500], [3503], [3506], [3509], [3512], [3515], [3518], [3521], [3524], [3527], [3530], [3533], [3536], [3539], [3542], [3545], [3548], [3551], [3554], [3557], [3560], [3563], [3566], [3569], [3572], [3575], [3578], [3581], [3584], [3587], [3590], [3593], [3596], [3599], [3602], [3605], [3608], [3611], [3614], [3617], [3620], [3623], [3626], [3629], [3632], [3635], [3638], [3641], [3644], [3647], [3650], [3653], [3656], [3659], [3662], [3665], [3668], [3671], [3674], [3677], [3680], [3683], [3686], [3689], [3692], [3695], [3698], [3701], [3704], [3707], [3710], [3713], [3716], [3719], [3722], [3725], [3728], [3731], [3734], [3737], [3740], [3743], [3746], [3749], [3752], [3755], [3758], [3761], [3764], [3767], [3770], [3773], [3776], [3779], [3782], [3785], [3788], [3791], [3794], [3797], [3800], [3803], [3806], [3809], [3812], [3815], [3818], [3821], [3824], [3827], [3830], [3833], [3836], [3839], [3842], [3845], [3848], [3851], [3854], [3857], [3860], [3863], [3866], [3869], [3872], [3875], [3878], [3881], [3884], [3887], [3890], [3893], [3896], [3899], [3902], [3905], [3908], [3911], [3914], [3917], [3920], [3923], [3926], [3929], [3932], [3935], [3938], [3941], [3944], [3947], [3950], [3953], [3956], [3959], [3962], [3965], [3968], [3971], [3974], [3977], [3980], [3983], [3986], [3989], [3992], [3995], [3998], [4001], [4004], [4007], [4010], [4013], [4016], [4019], [4022], [4025], [4028], [4031], [4034], [4037], [4040], [4043], [4046], [4049], [4052], [4055], [4058], [4061], [4064], [4067], [4070], [4073], [4076], [4079], [4082], [4085], [4088], [4091], [4094], [4097], [4100], [4103], [4106], [4109], [4112], [4115], [4118], [4121], [4124], [4127], [4130], [4133], [4136], [4139], [4142], [4145], [4148], [4151], [4154], [4157], [4160], [4163], [4166], [4169], [4172], [4175], [4178], [4181], [4184], [4187], [4190], [4193], [4196], [4199], [4202], [4205], [4208], [4211], [4214], [4217], [4220], [4223], [4226], [4229], [4232], [4235], [4238], [4241], [4244], [4247], [4250], [4253], [4256], [4259], [4262], [4265], [4268], [4271], [4274], [4277], [4280], [4283], [4286], [4289], [4292], [4295], [4298], [4301], [4304], [4307], [4310], [4313], [4316], [4319], [4322], [4325], [4328], [4331], [4334], [4337], [4340], [4343], [4346], [4349], [4352], [4355], [4358], [4361], [4364], [4367], [4370], [4373], [4376], [4379], [4382], [4385], [4388], [4391], [4394], [4397], [4400], [4403], [4406], [4409], [4412], [4415], [4418], [4421], [4424], [4427], [4430], [4433], [4436], [4439], [4442], [4445], [4448], [4451], [4454], [4457], [4460], [4463], [4466], [4469], [4472], [4475], [4478], [4481], [4484], [4487], [4490], [4493], [4496], [4499], [4502], [4505], [4508], [4511], [4514], [4517], [4520], [4523], [4526], [4529], [4532], [4535], [4538], [4541], [4544], [4547], [4550], [4553], [4556], [4559], [4562], [4565], [4568], [4571], [4574], [4577], [4580], [4583], [4586], [4589], [4592], [4595], [4598], [4601], [4604], [4607], [4610], [4613], [4616], [4619], [4622], [4625], [4628], [4631], [4634], [4637], [4640], [4643], [4646], [4649], [4652], [4655], [4658], [4661], [4664], [4667], [4670], [4673], [4676], [4679], [4682], [4685], [4688], [4691], [4694], [4697], [4700], [4703], [4706], [4709], [4712], [4715], [4718], [4721], [4724], [4727], [4730], [4733], [4736], [4739], [4742], [4745], [4748], [4751], [4754], [4757], [4760], [4763], [4766], [4769], [4772], [4775], [4778], [4781], [4784], [4787], [4790], [4793], [4796], [4799], [4802], [4805], [4808], [4811], [4814], [4817], [4820], [4823], [4826], [4829], [4832], [4835], [4838], [4841], [4844], [4847], [4850], [4853], [4856], [4859], [4862], [4865], [4868], [4871], [4874], [4877], [4880], [4883], [4886], [4889], [4892], [4895], [4898], [4901], [4904], [4907], [4910], [4913], [4916], [4919], [4922], [4925], [4928], [4931], [4934], [4937], [4940], [4943], [4946], [4949], [4952], [4955], [4958], [4961], [4964], [4967], [4970], [4973], [4976], [4979], [4982], [4985], [4988], [4991], [4994], [4997], [5000], [5003], [5006], [5009], [5012], [5015], [5018], [5021], [5024], [5027], [5030], [5033], [5036], [5039], [5042], [5045], [5048], [5051], [5054], [5057], [5060], [5063], [5066], [5069], [5072], [5075], [5078], [5081], [5084], [5087], [5090], [5093], [5096], [5099], [5102], [5105], [5108], [5111], [5114], [5117], [5120], [5123], [5126], [5129], [5132], [5135], [5138], [5141], [5144], [5147], [5150], [5153], [5156], [5159], [5162], [5165], [5168], [5171], [5174], [5177], [5180], [5183], [5186], [5189], [5192], [5195], [5198], [5201], [5204], [5207], [5210], [5213], [5216], [5219], [5222], [5225], [5228], [5231], [5234], [5237], [5240], [5243], [5246], [5249], [5252], [5255], [5258], [5261], [5264], [5267], [5270], [5273], [5276], [5279], [5282], [5285], [5288], [5291], [5294], [5297], [5300], [5303], [5306], [5309], [5312], [5315], [5318], [5321], [5324], [5327], [5330], [5333], [5336], [5339], [5342], [5345], [5348], [5351], [5354], [5357], [5360], [5363], [5366], [5369], [5372], [5375], [5378], [5381], [5384], [5387], [5390], [5393], [5396], [5399], [5402], [5405], [5408], [5411], [5414], [5417], [5420], [5423], [5426], [5429], [5432], [5435], [5438], [5441], [5444], [5447], [5450], [5453], [5456], [5459], [5462], [5465], [5468], [5471], [5474], [5477], [5480], [5483], [5486], [5489], [5492], [5495], [5498], [5501], [5504], [5507], [5510], [5513], [5516], [5519], [5522], [5525], [5528], [5531], [5534], [5537], [5540], [5543], [5546], [5549], [5552], [5555], [5558], [5561], [5564], [5567], [5570], [5573], [5576], [5579], [5582], [5585], [5588], [5591], [5594], [5597], [5600], [5603], [5606], [5609], [5612], [5615], [5618], [5621], [5624], [5627], [5630], [5633], [5636], [5639], [5642], [5645], [5648], [5651], [5654], [5657], [5660], [5663], [5666], [5669], [5672], [5675], [5678], [5681], [5684], [5687], [5690], [5693], [5696], [5699], [5702], [5705], [5708], [5711], [5714], [5717], [5720], [5723], [5726], [5729], [5732], [5735], [5738], [5741], [5744], [5747], [5750], [5753], [5756], [5759], [5762], [5765], [5768], [5771], [5774], [5777], [5780], [5783], [5786], [5789], [5792], [5795], [5798], [5801], [5804], [5807], [5810], [5813], [5816], [5819], [5822], [5825], [5828], [5831], [5834], [5837], [5840], [5843], [5846], [5849], [5852], [5855], [5858], [5861], [5864], [5867], [5870], [5873], [5876], [5879], [5882], [5885], [5888], [5891], [5894], [5897], [5900], [5903], [5906], [5909], [5912], [5915], [5918], [5921], [5924], [5927], [5930], [5933], [5936], [5939], [5942], [5945], [5948], [5951], [5954], [5957], [5960], [5963], [5966], [5969], [5972], [5975], [5978], [5981], [5984], [5987], [5990], [5993], [5996], [5999], [6002], [6005], [6008], [6011], [6014], [6017], [6020], [6023], [6026], [6029], [6032], [6035], [6038], [6041], [6044], [6047], [6050], [6053], [6056], [6059], [6062], [6065], [6068], [6071], [6074], [6077], [6080], [6083], [6086], [6089], [6092], [6095], [6098], [6101], [6104], [6107], [6110], [6113], [6116], [6119], [6122], [6125], [6128], [6131], [6134], [6137], [6140], [6143], [6146], [6149], [6152], [6155], [6158], [6161], [6164], [6167], [6170], [6173], [6176], [6179], [6182], [6185], [6188], [6191], [6194], [6197], [6200], [6203], [6206], [6209], [6212], [6215], [6218], [6221], [6224], [6227], [6230], [6233], [62	

Ayuda:

Ayuda: Muestra información de la aplicación y contacto.



Acerca de: Muestra información del desarrollador.

