```
C:\CD PROGRAMS>DIR
 Volume in drive C is Windows
 Volume Serial Number is 90F5-4C94

 Directory of C:\CD PROGRAMS


21-02-2024  13:11    <DIR>              .
21-02-2024  13:11               190 192211654.1.L
21-02-2024  13:02            49,547 a.exe
21-02-2024  12:58               190 day1exp1.l
21-02-2024  13:00            37,349 lex.yy.c
               4 File(s)         87,276 bytes
               1 Dir(s)  73,097,359,360 bytes free

C:\CD PROGRAMS>FLEX 192211654.1.L

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe 192211654.1.l
Hello World
Capital word: H
Capital word: W
```

```
03-11-2023  08:52              1,870 IGNORE.cpp
03-11-2023  08:51            131,687 IGNORE.exe
04-07-2023  16:41            958,706 install.log
09-07-2022  22:05    <DIR>          Intel
04-07-2023  16:40    <DIR>          Kairos
06-09-2023  15:00    <DIR>          KMPlayer
03-11-2023  09:37                815 Left Factoring.cpp
03-11-2023  08:34            131,687 Left Factoring.exe
03-11-2023  08:36              1,043 Left Recursive.cpp
03-11-2023  08:36            132,373 Left Recursive.exe
10-01-2024  20:38    <DIR>          Lex lab programs
20-11-2023  21:06                780 LinearSearch.c
27-08-2023  20:02    <DIR>          MinGW
07-05-2022  10:54    <DIR>          PerfLogs
28-01-2024  07:51    <DIR>          Program Files
30-01-2024  12:53    <DIR>          Program Files (x86)
03-11-2023  09:37              1,240 RECURIVE DECENT.cpp
03-11-2023  08:46              2,041 SHIFT REDUCEING.cpp
03-11-2023  08:46            134,469 SHIFT REDUCEING.exe
28-01-2024  15:56    <DIR>          TurboC++
07-07-2023  16:29    <DIR>          TurboC4
28-01-2024  15:38    <DIR>          Users
21-02-2024  12:18    <DIR>          Windows
              24 File(s)      2,314,900 bytes
              18 Dir(s)  73,097,379,840 bytes free

C:\>CD CD PROGRAMS

C:\CD PROGRAMS>DIR
 Volume in drive C is Windows
 Volume Serial Number is 90F5-4C94

 Directory of C:\CD PROGRAMS

21-02-2024  13:11    <DIR>          .
21-02-2024  13:11                190 192211654.1.L
21-02-2024  13:02             49,547 a.exe
21-02-2024  12:58                190 day1exp1.l
21-02-2024  13:00             37,349 lex.yy.c
               4 File(s)         87,276 bytes
               1 Dir(s)  73,097,359,360 bytes free

C:\CD PROGRAMS>FLEX 192211654.1.L

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe 192211654.1.l
Hello World
Capital word: H
Capital word: W
```

```
22-02-2024  17:50                213 192211654.5.L
21-02-2024  17:36                428 192211654.6.L
21-02-2024  17:38                870 192211654.7.L
21-02-2024  13:58                415 192211654.8.L
22-02-2024  12:56                289 192211654.9.L
23-02-2024  12:25             49,601 a.exe
21-02-2024  12:58                190 day1exp1.l
23-02-2024  12:25             37,520 lex.yy.c
              19 File(s)         92,374 bytes
               1 Dir(s)  70,830,059,520 bytes free

C:\CD PROGRAMS>FLEX 192211654.18.L

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe
Enter the code:#include<stdio.h.
int main(){
printf("Hello");
}
^Z
Number of Constants: 0

C:\CD PROGRAMS>a.exe
Enter the code:#define PI 3.14
3.14 is a floating-point constant
#include<stdio.h> #include<conio.h>
 void main()
{
 int a,b,c = 30;
30 is an integer constant
printf("hello");
}

^Z
Number of Constants: 2

C:\CD PROGRAMS>
```

```
23-02-2024  12:39                299 192211654.19.L
23-02-2024  12:38                299 192211654.19.L.txt
23-02-2024  12:38                301 192211654.2.L
23-02-2024  12:38                249 192211654.3.L
22-02-2024  13:01                289 192211654.4.L
22-02-2024  17:50                213 192211654.5.L
23-02-2024  12:38                428 192211654.6.L
21-02-2024  17:38                870 192211654.7.L
21-02-2024  13:58                415 192211654.8.L
23-02-2024  12:38                289 192211654.9.L
23-02-2024  12:29             49,565 a.exe
21-02-2024  12:58                190 day1exp1.l
23-02-2024  12:29             37,670 lex.yy.c
              22 File(s)         93,530 bytes
               1 Dir(s)  70,813,700,096 bytes free

C:\CD PROGRAMS>FLEX 192211654.19.L

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe
enter the string:
allahHU Akbar
^Z
Number of macros defined = 0
 Number of header files included = 0

C:\CD PROGRAMS>a.exe
enter the string:
#define PI 3.14
#include<stdio.h>
#include<conio.h>
 void main()
{
int a,b,c = 30;
printf("hello");
}

^Z
Number of macros defined = 1
 Number of header files included = 2
```

```
21-02-2024    17:38                  870 192211654.7.L
21-02-2024    13:58                  415 192211654.8.L
23-02-2024    12:38                  289 192211654.9.L
24-02-2024    12:06               49,565 a.exe
21-02-2024    12:58                  190 day1exp1.l
24-02-2024    12:06               37,670 lex.yy.c
24-02-2024    10:44                   80 output.txt
              26 File(s)           94,041 bytes
               1 Dir(s)  71,696,715,776 bytes free

C:\CD PROGRAMS>FLEX 192211654.20.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe
Enter File Name : 192211654.20.html
<html>
<body>
<h1>
</h1>
<p>
</p>
</body>
</html>


 Number of html tags: 8
C:\CD PROGRAMS>Z
```

```
23-02-2024  12:38            301 192211654.2.L
24-02-2024  10:31             93 192211654.20.html
24-02-2024  12:11            321 192211654.20.l
23-02-2024  12:38            249 192211654.3.L
22-02-2024  13:01            289 192211654.4.L
22-02-2024  17:50            213 192211654.5.L
23-02-2024  12:38            428 192211654.6.L
21-02-2024  17:38            870 192211654.7.L
21-02-2024  13:58            415 192211654.8.L
23-02-2024  12:38            289 192211654.9.L
24-02-2024  12:12         49,821 a.exe
21-02-2024  12:58            190 day1exp1.l
24-02-2024  12:12         37,584 lex.yy.c
24-02-2024  10:44             80 output.txt
              26 File(s)      94,250 bytes
               1 Dir(s)  71,694,249,984 bytes free

C:\CD PROGRAMS>FLEX 192211654.19.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe
192211654.19.c


^Z
Number of macros defined = 0
Number of header files included = 0

C:\CD PROGRAMS>a.exe  192211654.19.c
Number of macros defined = 1
Number of header files included = 2

C:\CD PROGRAMS>
```

```
23-02-2024   12:38                221 192211654.10.L
23-02-2024   12:38                150 192211654.11.L
24-02-2024   10:18                285 192211654.12.l
23-02-2024   12:38                383 192211654.14.L
23-02-2024   12:38                243 192211654.15.L
22-02-2024   10:42                310 192211654.16.L
24-02-2024   10:56                246 192211654.17.c
23-02-2024   12:38                269 192211654.17.L
23-02-2024   12:38                356 192211654.18.L
24-02-2024   10:46                116 192211654.19.c
24-02-2024   12:16                338 192211654.19.l
23-02-2024   12:38                301 192211654.2.L
24-02-2024   10:31                 93 192211654.20.html
24-02-2024   12:11                321 192211654.20.l
24-02-2024   12:22                120 192211654.21.c
24-02-2024   12:22                181 192211654.21.l
23-02-2024   12:38                249 192211654.3.L
22-02-2024   13:01                289 192211654.4.L
22-02-2024   17:50                213 192211654.5.L
23-02-2024   12:38                428 192211654.6.L
21-02-2024   17:38                870 192211654.7.L
21-02-2024   13:58                415 192211654.8.L
23-02-2024   12:38                289 192211654.9.L
24-02-2024   12:26             49,564 a.exe
21-02-2024   12:58                190 day1exp1.l
24-02-2024   12:23             37,274 lex.yy.c
24-02-2024   12:24                150 out.txt
24-02-2024   10:44                 80 output.txt
              29 File(s)         94,134 bytes
               1 Dir(s)  71,669,469,184 bytes free

C:\CD PROGRAMS>FLEX 192211654.21.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>gcc 192211654.21.c

C:\CD PROGRAMS>a.exe
hello
C:\CD PROGRAMS>
```

```
22-02-2024  13:01                   289 192211654.4.L
22-02-2024  17:50                   213 192211654.5.L
23-02-2024  12:38                   428 192211654.6.L
21-02-2024  17:38                   870 192211654.7.L
21-02-2024  13:58                   415 192211654.8.L
23-02-2024  12:38                   289 192211654.9.L
24-02-2024  12:32                49,565 a.exe
21-02-2024  12:58                   190 day1exp1.l
24-02-2024  12:38                39,498 lex.yy.c
24-02-2024  12:24                   150 out.txt
24-02-2024  10:44                    80 output.txt
              30 File(s)         98,386 bytes
               1 Dir(s)  71,689,895,936 bytes free

C:\CD PROGRAMS>FLEX 192211654.21.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe 192211654.21.c
    1
    2      #define PI 3.14
    3      #include<stdio.h>
    4      #include<conio.h>
    5         void main()
    6      {
    7      int a,b,c = 30;
    8      printf("hello");
    9      }

C:\CD PROGRAMS>a.out
'a.out' is not recognized as an internal or external command,
```

```
             1 Dir(s)  71,534,325,760 bytes free

C:\CD PROGRAMS>FLEX 192211654.22.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe
Usage: a.exe input_file output_file

C:\CD PROGRAMS>FLEX 192211654.22.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe 192211654.22.c
Usage: a.exe input_file output_file

C:\CD PROGRAMS>a.exe 192211654.22.l 192211654.22.c
Number of comment lines: 1
```

```
24-02-2024  13:02                 77 192211654.23.c
24-02-2024  13:01                506 192211654.23.l
23-02-2024  12:38                249 192211654.3.L
22-02-2024  13:01                289 192211654.4.L
22-02-2024  17:50                213 192211654.5.L
23-02-2024  12:38                428 192211654.6.L
21-02-2024  17:38                870 192211654.7.L
21-02-2024  13:58                415 192211654.8.L
23-02-2024  12:38                289 192211654.9.L
24-02-2024  12:58             50,586 a.exe
21-02-2024  12:58                190 day1exp1.l
24-02-2024  13:24             37,958 lex.yy.c
24-02-2024  12:24                150 out.txt
24-02-2024  10:44                 80 output.txt
              34 File(s)        100,689 bytes
               1 Dir(s)  70,759,653,376 bytes free

C:\CD PROGRAMS>FLEX 192211654.13.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe
usage: a.exe <input_file>

C:\CD PROGRAMS>a.exe FLEX 192211654.134.l
usage: a.exe <input_file>

C:\CD PROGRAMS>FLEX 192211654.13.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe 192211654.13.txt

My Name is  Mohammad Hussain
C:\CD PROGRAMS>
```

```
24-02-2024  13:02                 77 192211654.23.c
24-02-2024  13:01                506 192211654.23.l
23-02-2024  12:38                249 192211654.3.L
22-02-2024  13:01                289 192211654.4.L
22-02-2024  17:50                213 192211654.5.L
23-02-2024  12:38                428 192211654.6.L
21-02-2024  17:38                870 192211654.7.L
21-02-2024  13:58                415 192211654.8.L
23-02-2024  12:38                289 192211654.9.L
24-02-2024  12:58             50,586 a.exe
21-02-2024  12:58                190 day1exp1.l
24-02-2024  13:24             37,958 lex.yy.c
24-02-2024  12:24                150 out.txt
24-02-2024  10:44                 80 output.txt
              34 File(s)        100,689 bytes
               1 Dir(s)  70,759,653,376 bytes free

C:\CD PROGRAMS>FLEX 192211654.13.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe
usage: a.exe <input_file>

C:\CD PROGRAMS>a.exe FLEX 192211654.134.l
usage: a.exe <input_file>

C:\CD PROGRAMS>FLEX 192211654.13.l

C:\CD PROGRAMS>gcc lex.yy.c

C:\CD PROGRAMS>a.exe 192211654.13.txt

My Name is  Mohammad Hussain
C:\CD PROGRAMS>
```