

Program;

```
%option noyywrap
```

```
%{
```

```
#include <stdio.h>
```

```
%}
```

```
%%
```

```
[0-9]+      { printf("Integer\n"); }
```

```
[+|-*/%]    { printf("Operator\n"); }
```

```
[a-zA-Z]+    { printf("Character\n"); } // Match a sequence of alphabetic characters as a word
```

```
.           { printf("Unknown input\n"); }
```

```
%%
```

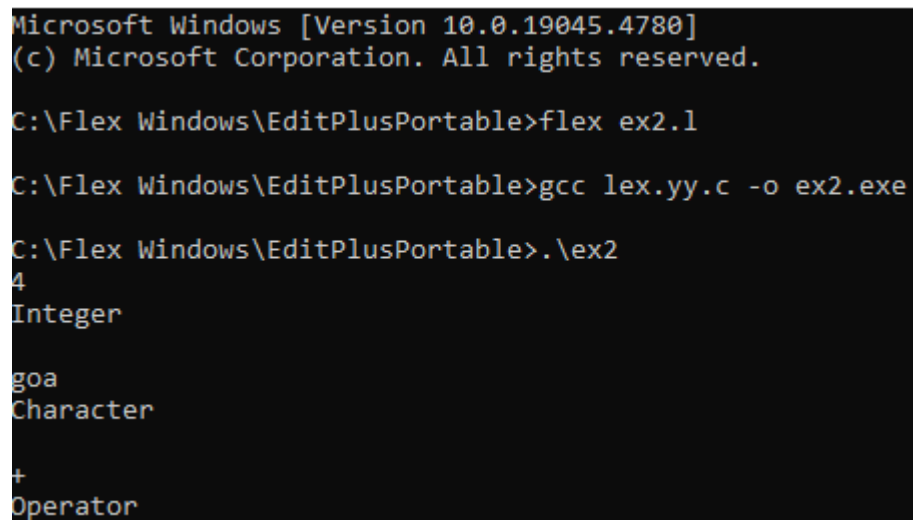
```
int main() {
```

```
    yylex(); // Start lexical analysis
```

```
    return 0;
```

```
}
```

Output:



```
Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Flex Windows\EditPlusPortable>flex ex2.l

C:\Flex Windows\EditPlusPortable>gcc lex.yy.c -o ex2.exe

C:\Flex Windows\EditPlusPortable>.\ex2
4
Integer

goa
Character

+
Operator
```