

实验报告

学号:

班级:

设计思路

定义非终结符 Pair 为一对括号或一对括号内含一个以上的 Pair

即可完成括号匹配

注意到空串也应返回 true

```
%%
```

```
String: %empty {result = 1;}
```

```
| Expr {result = 1;}
```

```
| error {result = 0;}
```

```
;
```

```
Expr: Pair
```

```
| Expr Pair
```

```
Pair: LP RP
```

```
| LB RB
```

```
| LC RC
```

```
| LP Expr RP
```

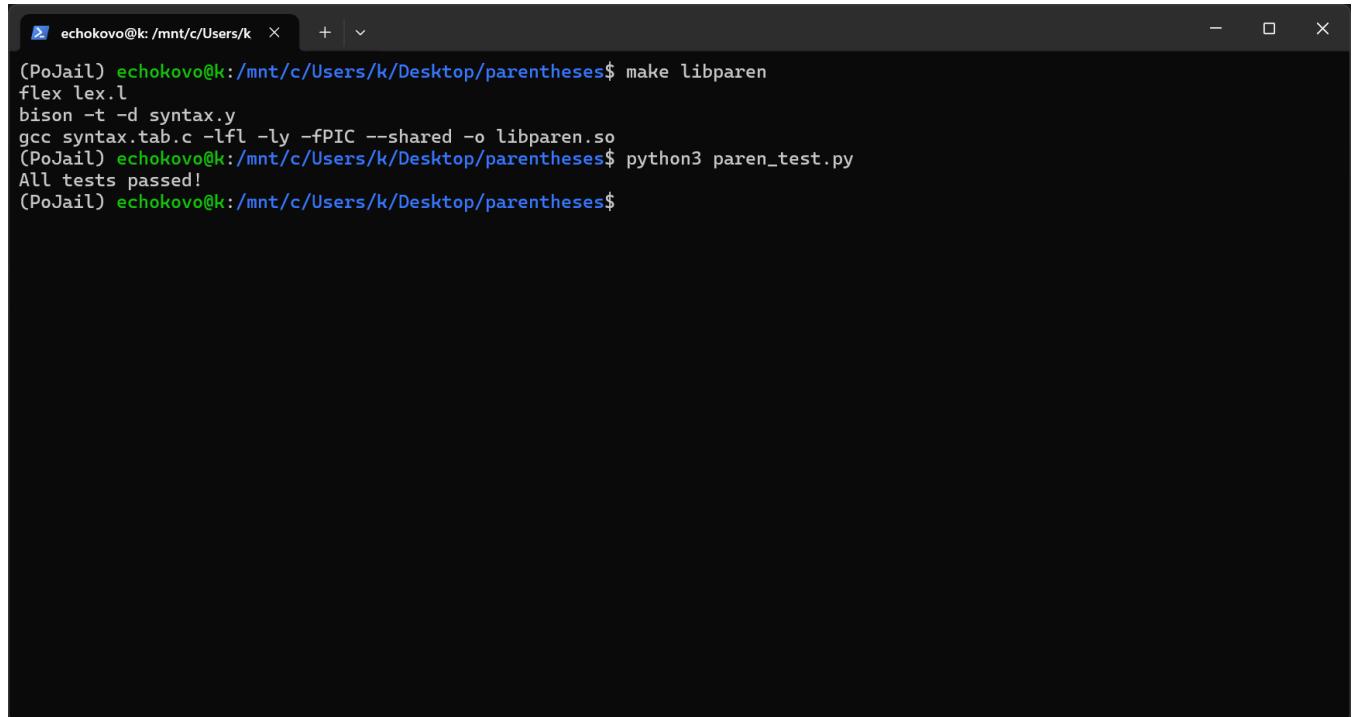
```
| LB Expr RB
```

```
| LC Expr RC
```

```
;
```

```
%%
```

通过截图



A screenshot of a terminal window titled '(PoJail) echokovo@k: /mnt/c/Users/k/Desktop/parentheses\$'. The window shows the following command-line session:

```
(PoJail) echokovo@k: /mnt/c/Users/k/Desktop/parentheses$ make libparen
flex lex.l
bison -t -d syntax.y
gcc syntax.tab.c -fPIC --shared -o libparen.so
(PoJail) echokovo@k: /mnt/c/Users/k/Desktop/parentheses$ python3 paren_test.py
All tests passed!
(PoJail) echokovo@k: /mnt/c/Users/k/Desktop/parentheses$
```