1

```
1    ((a))
```

```
(base) hanseunghwa@hanseunghwaui—MacBookPro hw4 % java LR0parser test1.txt
[$, 0]
[$, 0, (, 3]
[$, 0, (, 3, (, 3]
[$, 0, (, 3, (, 3, a, 2]
[$, 0, (, 3, (, 3, A, 4]
[$, 0, (, 3, (, 3, A, 4, ), 5]
[$, 0, (, 3, A, 4]
[$, 0, (, 3, A, 4, ), 5]
[$, 0, A, 1]

>> Parsing OK
```

2

≡ test1.txt

```
1    (((a)))
```

```
(base) hanseunghwa@hanseunghwaui—MacBookPro hw4 % java LR0parser test1.txt
[$, 0]
[$, 0, (, 3]
[$, 0, (, 3, (, 3]
[$, 0, (, 3, (, 3, (, 3]
[$, 0, (, 3, (, 3, (, 3, a, 2]
[$, 0, (, 3, (, 3, (, 3, A, 4]
[$, 0, (, 3, (, 3, (, 3, A, 4, ), 5]
[$, 0, (, 3, (, 3, A, 4]
[$, 0, (, 3, (, 3, A, 4, ), 5]
[$, 0, (, 3, A, 4]
[$, 0, (, 3, A, 4, ), 5]
[$, 0, A, 1]

>> Parsing OK
```

3

```
≡ test1.txt
  1    ((a)
```

```
● (base) hanseunghwa@hanseunghwaui—MacBookPro hw4 % java LR0parser test1.txt
  [$, 0]
  [$, 0, (, 3]
  [$, 0, (, 3, (, 3]
  [$, 0, (, 3, (, 3, a, 2]
  [$, 0, (, 3, (, 3, A, 4]
  [$, 0, (, 3, (, 3, A, 4, ), 5]
  [$, 0, (, 3, A, 4]

  closing parenthesis is lacked.
  >> Parsing Failed
```

4

```
≡ test1.txt
  1    (a))
```

```
● (base) hanseunghwa@hanseunghwaui—MacBookPro hw4 % java LR0parser test1.txt
  [$, 0]
  [$, 0, (, 3]
  [$, 0, (, 3, a, 2]
  [$, 0, (, 3, A, 4]
  [$, 0, (, 3, A, 4, ), 5]
  [$, 0, A, 1]

  opening parenthesis is lacked.
  >> Parsing Failed
```