

# Java String charAt()

- description : Java String charAt()
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## String charAt() method

charAt() (character) .  
 0, 1, ...

### Syntax

```
charAt(int index)
```

### Parameter Values

Parameter	Description
index	int

### Technical Details

Returns:	char . char 0
Throws	IndexOutOfBoundsException - 가

### Example

```
@Test
public void changeDigitStringIntoKRWon() {
    String input = "123456";
    String result = "";
    log.debug("input.length()=[{}]",input.length()); // input.length()=[6]

    for (int k = 1; k <= input.length(); k++) {
        char ch = input.charAt(input.length() - k);
        if (k % 3 == 1 && k > 1) {
            result = "," + result;
        }
    }
}
```

```
}  
result = ch + result;  
}  
  
Currency cur = Currency.getInstance("KRW");  
String symbol = cur.getSymbol();  
  
result = symbol + result;  
log.debug("result=[{}]", result); // result=[₩123,456]  
}
```

```
@Test  
public void getCurrencySymbol() {  
  
    // Create a currency for USD  
    Currency cur1 = Currency.getInstance("USD");  
  
    // Get and print the symbol of the currency  
    String symbol = cur1.getSymbol();  
    log.debug("cur1.getSymbol()=[{}]", cur1.getSymbol()); //  
    cur1.getSymbol()=[US$]  
    log.info("Currency USD symbol is = " + symbol); // Currency USD  
    symbol is = US$  
    log.info(symbol); // US$  
}
```

```
@Test  
public void getLocaleCurrencySymbol() {  
  
    // Create a currency for GERMANY locale  
    Locale locale = Locale.GERMANY;  
    Currency cur2 = Currency.getInstance(locale);  
  
    // Get and print the symbol of the currency  
    String symbol = cur2.getSymbol(locale);  
    log.debug("cur2.getSymbol(locale)=[{}]", cur2.getSymbol(locale)); //  
    cur2.getSymbol(locale)=[€]  
    log.info("Currency symbol is = " + symbol); // Currency symbol is =  
    €  
    log.info(symbol); // €  
}
```

## Ref Link

[Java String charAt\(\) Method](#)

## Java Currency Class:getSymbol() Method ISO 4217 -

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