

String Functions

In Java

String Tester

Enter a String:

Evaluate

The result appears here.

```
public void evaluate(View view) {  
    EditText word = (EditText) findViewById(R.id.word);  
    String g = word.getText().toString();  
    TextView result = (TextView) findViewById(R.id.result);  
    result.setText(" "+g.charAt(6));  
}
```

```
String g = "Gorilla";
```

0	1	2	3	4	5	6
G	o	r	i	l	l	a

Index

Element



```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (" "+ g.length ());
```

Prints: 7

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (g.toUpperCase ());
```

Prints: **GORILLA**

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (g.toLowerCase ());
```

Prints: gorilla

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+ g.indexOf('a'));
```

Prints: 6

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (" "+ g.indexOf('l') );
```

Prints: 4

If two or more,
prints the first
one.


```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (" "+ g.charAt (1) );
```

Prints: o

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (" "+ (int) (g.charAt (6)) );
```

Prints: 97

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (g.replace ('l', 'm'));
```

Prints: **Gorimma**

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a



```
result.setText (g.substring(2, 6));
```

Start at the first number

Stops BEFORE the second number

Prints: **rill**

```
String g = "Gorilla";
```



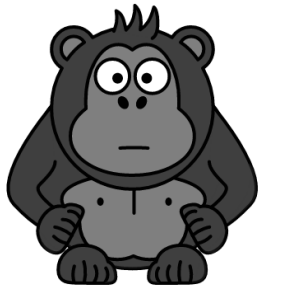
0	1	2	3	4	5	6
G	o	r	i	l	l	a



```
result.setText (g.substring(3,5));
```

Prints: **il**

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a



```
result.setText (g.substring(1, g.length()));
```

Prints: orilla

You can
nest
functions

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a



```
result.setText (g.substring(g.indexOf('r'), 5));
```

Prints: **ril**

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+ g.equals ("Water"));
```

Gorilla = Water

Prints: false


```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+ g.equals ("Gorilla"));
```

Gorilla = Gorilla

Prints: true

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+ g.equals ("gorilla"));
```

Gorilla = gorilla

Prints: false

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+g.equalsIgnoreCase ("gorilla"));
```

Gorilla = gorilla

Prints: true

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+(g.compareTo ("Zebra") > 0));
```

Gorilla > Zebra

Prints: false

```
String g = "Gorilla";
```



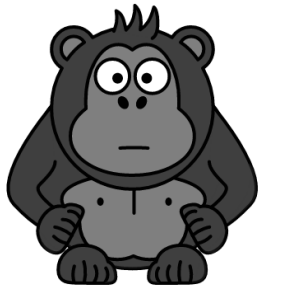
0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+(g.compareTo ("Zebra") < 0));
```

Gorilla < Zebra

Prints: True

```
String g = "Gorilla";
```



0	1	2	3	4	5	6
G	o	r	i	l	l	a

```
result.setText (""+(g.compareTo ("Apple") < 0));
```

Gorilla < Apple

Prints: False