

Here's an example using the index:

```
output "for_directive_index" {
  value = "%{ for i, name in var.names }(${i}) ${name}, %{ endfor
} "
}
```

When you run `terraform apply`, you get the following output:

```
$ terraform apply
(...)

Outputs:

for_directive_index = "(0) neo, (1) trinity, (2) morpheus, "
```

Note how in both outputs there is an extra trailing comma and space. You can fix this using conditionals—specifically, the `if` string directive—as described in the next section.

Conditionals

Just as Terraform offers several different ways to do loops, there are also several different ways to do conditionals, each intended to be used in a slightly different scenario:

count parameter

Used for conditional resources

for_each and for expressions

Used for conditional resources and inline blocks within a resource

if string directive

Used for conditionals within a string