

## LOOPING

```
#####
```

```
# SUBNETS
```

```
#####
```

2 references

```
resource "aws_subnet" "subnet" {  
  count                = 2  
  availability_zone    = "${element(var.availability_zones, count.index)}"  
  cidr_block           = "${cidrsubnet(aws_vpc.vpc.cidr_block, 2, count.index)}"  
  vpc_id               = "${aws_vpc.vpc.id}"  
  map_public_ip_on_launch = true  
  
  tags {  
    Name          = "${var.environment}-subnet-${count.index + 1}"  
    Environment   = "${var.environment}"  
  }  
}
```

## BACKENDS – SHARED STATE

- ▶ Do not check in .tfstate files
- ▶ Best is to use a backend resource.
  - ▶ S3 bucket - <https://www.terraform.io/docs/backends/types/s3.html>
    - ▶ versioned
    - ▶ encrypted at rest
    - ▶ secured