

Terminology

- ◆ Consider this function:

$q, a = \text{divmod}(a, b)$

- ◆ a, b — a pair — is the domain
 - ◆ The set of values for which the function is defined
- ◆ q, r — also a pair — is the range
 - ◆ The set of values the function takes on

Mathematical Function Features

- ◆ No Hysteresis — No History — No Memory
- ◆ “Idempotence”
- ◆ The results are always the same for a given argument

```
>>> int("10f1", 16)  
4337
```
- ◆ Does not depend on anything that happened before