Everyone likes at least one orange cat.

**Available predicates:**

- `Person(x)`, which states that $x$ is a person
- `Orange(x)`, which states that $x$ is orange
- `Cat(x)`, which states that $x$ is a cat
- `Likes(x, y)`, which states that $x$ likes $y$
Everyone likes exactly one cat.

**Available predicates:**
- \( \text{Person}(x) \), which states that \( x \) is a person
- \( \text{Cat}(x) \), which states that \( x \) is a cat
- \( \text{Likes}(x, y) \), which states that \( x \) likes \( y \)
Some (but not all) people are muggles.

Available predicates:

Person(x), which states that x is a person

Muggle(x), which states that x is a muggle
There is at most one ruler.

Available predicates:

- Person(x), which states that x is a person
- Ruler(x), which states that x is a ruler