

To make the existential statement that *some* crowded shops are comfortable, we introduce a third expression:

we write,

$$\exists s. (\text{Crowded}(s) \wedge \text{Comfortable}(s)),$$

which means,

$$\{s \mid \text{Crowded}(s) \wedge \text{Comfortable}(s)\} \neq \emptyset,$$

where \emptyset is the empty set.