



$e (e_1 + e_2) : \text{Int}$   
 $\Downarrow$   
 $3 : \text{Int}$   
 "specification" (type)

$e : t \rightarrow$  doesn't go wrong.

lightweight verification system!

Object o = null;

o.equals(?);

$\Downarrow$

— if (o == null)  
     throw Except...

— else run the method