532 Section 5.3 defined and implemented the program **wait until** w where w is a time. Define and implement the program **wait until** b where b is a binary expression. For example, **wait until** x=y should delay execution until variables x and y are equal. At least one variable in the expression should be an interactive variable belonging to another process.

After trying the question, scroll down to the solution.

wait until $b = \neg (\exists t'' \cdot t \leq t'' < t' \land b'') \land b' \parallel ok$

The concurrent composition with ok says that all my variables other than time are unchanged. If I have any interactive variables, they are unchanged at all times from t to t'.

wait until $b \iff$ if b then ok else t := t+1. wait until b fi