Signals

- It models a physical signal (you can think of it like a piece of wire)
- A signal is a sequence of time-value pairs
- A signal assignment takes effect only after a certain delay (the smallest possible delay is called a “delta time”).
Variables

- All assignment to variables are scheduled (takes effect) immediately.
- If a variable is assigned a value, the corresponding location in memory is written with the new value while destroying the old value.
  - This effectively happen immediately so if the next executing statement in the program uses the value of the variable, it is the new value that is used.
Signals vs. Variables

- Signals assignments are scheduled after a certain delay $\delta$
- Variables assignments happen immediately, there is no delay