More examples:

```
q <= r nor qb;  -- statement 1
qb <= s nor q;  -- statement 2
```

Will this work? ----- yes!

Both statements are constantly being evaluated.

So values for q and qb are constantly updated.

NOT LIKE A PROGRAMMING LANGUAGE!!!

In fact ALL (of these kind) of statements are constantly evaluated.

Just like real hardware:
Power is on all gates all the time, and all the wires are always connected.

Quiz:

Write the description for a r/s MS ff
a)draw it,
b)write a vhdl description