**1, The Hundred-Year Language**

**obstinate** /’ObstInEt/ (SYNONYM) **stubborn**  
[adj.] (often *disapproving*) refusing to change your opinions, way of thinking, etc. when other people try to persuade you to; behaviour that shows this.

**synonym 🡪 antonym**

**given**  
[adj.]  
1.[adj.] already arranged  
They were to meet at a given time and place.  
2.[adj.] that you have stated and are discussing; particular  
We can find out how much money is spent on food in any given period.[prep.]  
when you consider something.  
Given his age, he is remarkably active.

**heuristic**[adj.] teaching or education encourages you to learn by discovering things for yourself.

[n. C.]

**scarce**

**stupendous**

go to the doctor / see a doctor

**engrain**  
[vt.] (of a habit, belief, or attitude) firmly fix or establish in a person.  
The desire for speed is so deeply engrained in us.

**2,** [**TDD is dead. Long live testing**](https://dhh.dk/2014/tdd-is-dead-long-live-testing.html)

1, **If you're willing to honestly consider the possibility that it's not an unqualified good, it'll be like taking the red pill.**

**Unqualified Good:** This means something that is seen as entirely positive without any downsides or exceptions.

**Taking the Red Pill:** This is a reference to *The Matrix*, where taking the red pill allows the character to see the harsh reality instead of staying in a comfortable illusion.

So, the sentence is suggesting that if you start to question the idea that always writing tests first is purely good without any drawbacks, it might lead you to a deeper understanding or a new perspective, just like how taking the red pill in *The Matrix* reveals the truth.

**fanatical**[adj.](informal)extremely enthusiastic.

**fanatic**   
[n.] a person who is enthusiastic about something.

**monstrosity**  
[C.] (*plural*) monstrsities. something that is very large and very ugly, especially a building.  
a concrete monstrosity.

**sacred cow** /'seIkrId/(idiom) (*disapproving*) a custom, system, etc. that has existed for a long time and that people think should not be questioned or critised.

the sacred cow of free market economies.

**gloden calf**an object of materialistic or unworthy worship; a false God.

**3,** [**How You Know**](https://paulgraham.com/know.html)

**in retrospect:**thinking about a past event or situation, often with a different opinion of it from the one you had at the time.