**The list of attributes we need as a source**

1. Steels and their maximal hardness [ХГС:70, ХВГ:65, У8:55...]
2. Quenching environments and their freezing velocities [Water: 600, Oil: 400, Latex: 700]
3. Critical velocities of steels(C/sec) [ХГС: 400, ХВГ: 450, У8: 350]
4. Martensitic transformation start temperature [ХГС: 210, ХВГ: 210, У8: 300]
5. Hardness of steels after quenching from their temperatures [ХГС: 65, ХВГ: 62, У8: 60]
6. Temperature of quenching C [ХГС: 840, ХВГ: 800, У8: 750]
7. Environment velocity of lower temperature [Water: null, Oil: null, Latex: 100]

**We need to prove that with Latex environment’s velocity is acceptable.   
  
If the quenching velocity of environment is higher than critical velocity of the steel we will get martensitic microstructure.  
As an input we give steel mark and the hardness we want to get after quenching process.**

**As an output we want to get the environment and temperature where the quenching process has been executed to get the required hardness.**