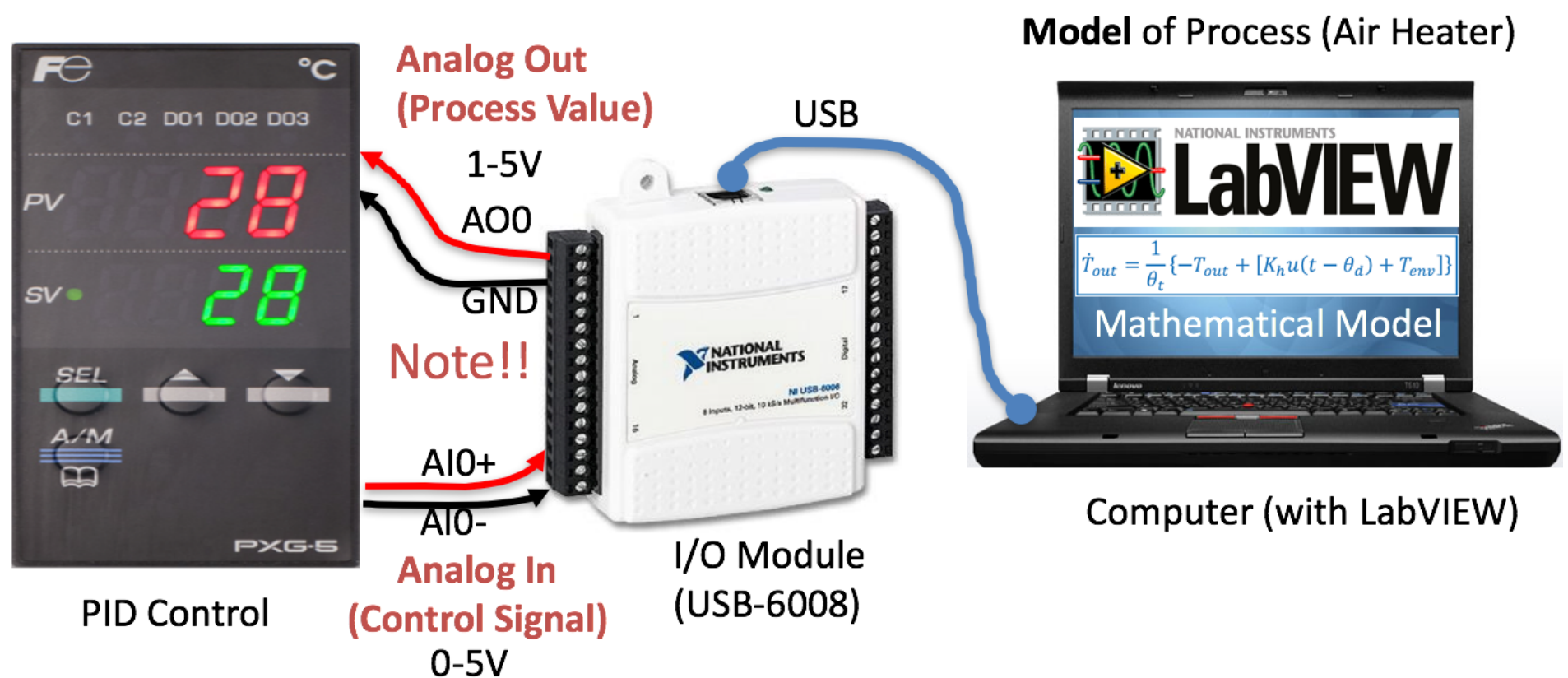


## Diploma

**Amila Ruwan Guruge**

Score: 100%

Hardware-in-the-Loop Simulations and Testing and Industrial IT topics. Hardware-in-the-loop (HIL) simulation is a technique that is used in the development and test of complex process systems. The HIL simulation includes a mathematical model of the process and a hardware device/ECU you want to test, e.g. an industrial PID controller we will use in our example. The hardware device is normally an embedded system. The aim is to test the device before you put it into production. This is referred to as Hardware in the Loop Simulation and Testing.



<https://www.halvorsen.blog/documents/technology/hil/>

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