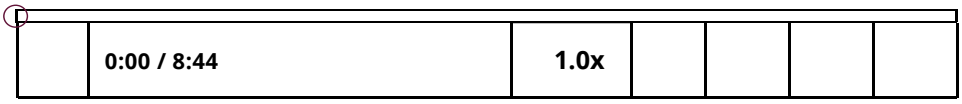
When embedded systems are deployed in safety critical situations we need to document how the system was tested, and provide proof it is functioning as intended. We will illustrate the process with the example from module 2.

VIDEO 9.4. MAKING THE CASE FOR FUNCTIONAL DEBUGGING



DR. RAMESH YERRABALLI: So we'll look at a demonstration of debugging.

And the example we're going to look at is revisit our module C2.

If you recall, in module C2, we had the microcontroller controlling

LED that is connected to port F, pin 1.

And the idea is that this LED that was connected here

would flash at a certain frequency

mission is to bring the best of higher education to students of all ages everywhere in the world, wherever there is Internet access. EdX's free online MOOCs are interactive and subjects include computer science, public health, and artificial intelligence.