

Embedded Systems Essentials with Arm: Getting Started

Module 3

W (3): Module 3 – Welcome and introduction

Deep inside your washing machine, a tiny computer exists. It regulates everything having to do with cleaning your clothes: water temperature, cycle length, spin speed, and so on. But what good is that computer if you, the user, can't tell it what you want it to do?

Inputs and outputs, or I/Os, open the lines of communication between the user and machine. Digital I/Os are the most basic form of communication – tiny seeds of binary ones and zeros that blossom into instructions that turn into executed functions. They form your first step into the world of programming embedded systems.