

## Activity 4 Interactive

Mariam and Sultan are learning about embedded system. Mariam wants to test Sultan's knowledge on what he's learnt.

Help Sultan to complete the activity below by matching the name with the definition.

Component
Microcontroller
Input/output
Memory
Debugger
Power supply
Assembler
Timer and counter
Emulator
Communication port
Compiler

Definition
Used to create communication with other embedded systems.
Used to directly convert a programming language into a code that a machine can understand.
A wall adapter or a battery.
Used to convert written code into a machine language, first from source code to object code, then to the language the machine can understand.
To interact with the embedded system. Can be provided by the user or by sensors.
The main brain inside an embedded system.
Used for testing and debugging.
Used for storing important information in the embedded system.
Used in some applications where there needs to be a delay.
Used to give you an idea of how the code will function in real time. Used to simulate software performance.