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

LIVEWORKSHEETS