



Activity 2



Noor is learning about embedded systems

Explain embedded systems.

Use the words to fill in the blank spaces.

S	embedded	microcontroller	specific	complexity	aircraft	devices
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T Embedded systems are computer systems with hardware and software to control and/or monitor a _____ task or function within a larger system. To embed something means to place it within something else, that's why they are known as _____ systems. It has been estimated that ninety-eight percent of all microprocessors manufactured are used within embedded systems.

E The _____ of each embedded system varies depending on its purpose. A system can have hardware ranging from a single _____ with limited functionality to a suite of processors with connected peripherals and communication. A system can also range from not including a user interface to having a complex graphical user interface.

These systems are very common in the _____ we use in our daily lives. Some applications of embedded system include:

- Digital watches
- Microwave ovens
- Hybrid vehicles
- _____

