[](https://www.knowitallninja.com/)Range of Uses & Devices

# Task 1

Different types of devices use different types of user interface. Below are listed several different devices. Can you identify what type of device they are and what user interface they most commonly use?

|  |  |  |
| --- | --- | --- |
|  | Type of Device | Common Interface |
| **Smartphone** |  |  |
| **Game Console** |  |  |
| **Central Heating System** |  |  |
| **Smartwatch** |  |  |
| **Dishwasher** |  |  |
| **E-Reader** |  |  |

# Task 2

(a) Explain what we mean by domestic appliances, controlling devices and embedded systems?

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(b) Why would a graphical user interface not be appropriate for domestic appliances, controlling devices and embedded systems? Give three reasons.

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# Task 3

You have been asked to design a user interface for a new smart home central heating system. It needs to:

1. Show the current temperature.
2. Show if the heating is currently on.
3. Allow for a person to change the target temperature.

Consider what type of user interface you would use and draw the interface below.