# Activity sheet 1.3: Using complex user interfaces

*Learning outcome A: Understand interface design for individuals and organisations*

*A1: User interfaces*

1. State four features of a graphical user interface.
2. State two features of a sensor interface.

5. State four features of a speech interface.



10. Kieron uses a word-processing program that has a graphical user interface.

Explain two benefits to Kieron of using a graphical user interface to give instructions to a word-processing program.







1. Momin has a central heating system in his house. Momin sets the desired temperature of the system using a thermostat.
2. Describe how a thermostat uses sensors to control the temperature in Momin’s house.

1. Explain why a sensor interface is a suitable method to control the temperature inside   
   a house.

1. Meghan uses a speech interface to control her car’s entertainment system while driving.
2. Describe how a speech interface can be used to control a car entertainment system.

1. Explain why a speech interface is a suitable method to enable users to interact with systems while driving.

Take it further

Study a computer operating system. In what ways does it make use of graphical user, sensor and speech interfaces? To what extent are these methods user-friendly?