

- Temperature readings should be in the range 31.6 to 37.2 inclusive.  
Pulse readings should be in the range 55.0 to 100.0 inclusive.

When the data for a patient is checked a warning is given if any of the readings are out of range. If both readings are out of range, then a severe warning is given.

- takes the hospital number as a parameter
- checks if the number is valid
- outputs an error message and exits the procedure if the number is **not** valid
- if the hospital number is valid:
  - output the patient's name
  - output 'Normal readings' if both the readings are within range
  - output 'Warning' and the name of the reading e.g. 'Pulse' if one reading is out of range
  - output 'Severe warning' and the names of the two readings 'Pulse and temperature' if both readings are out of range
  - exits the procedure.

You do **not** need to initialise the data in the arrays.

[illegible]