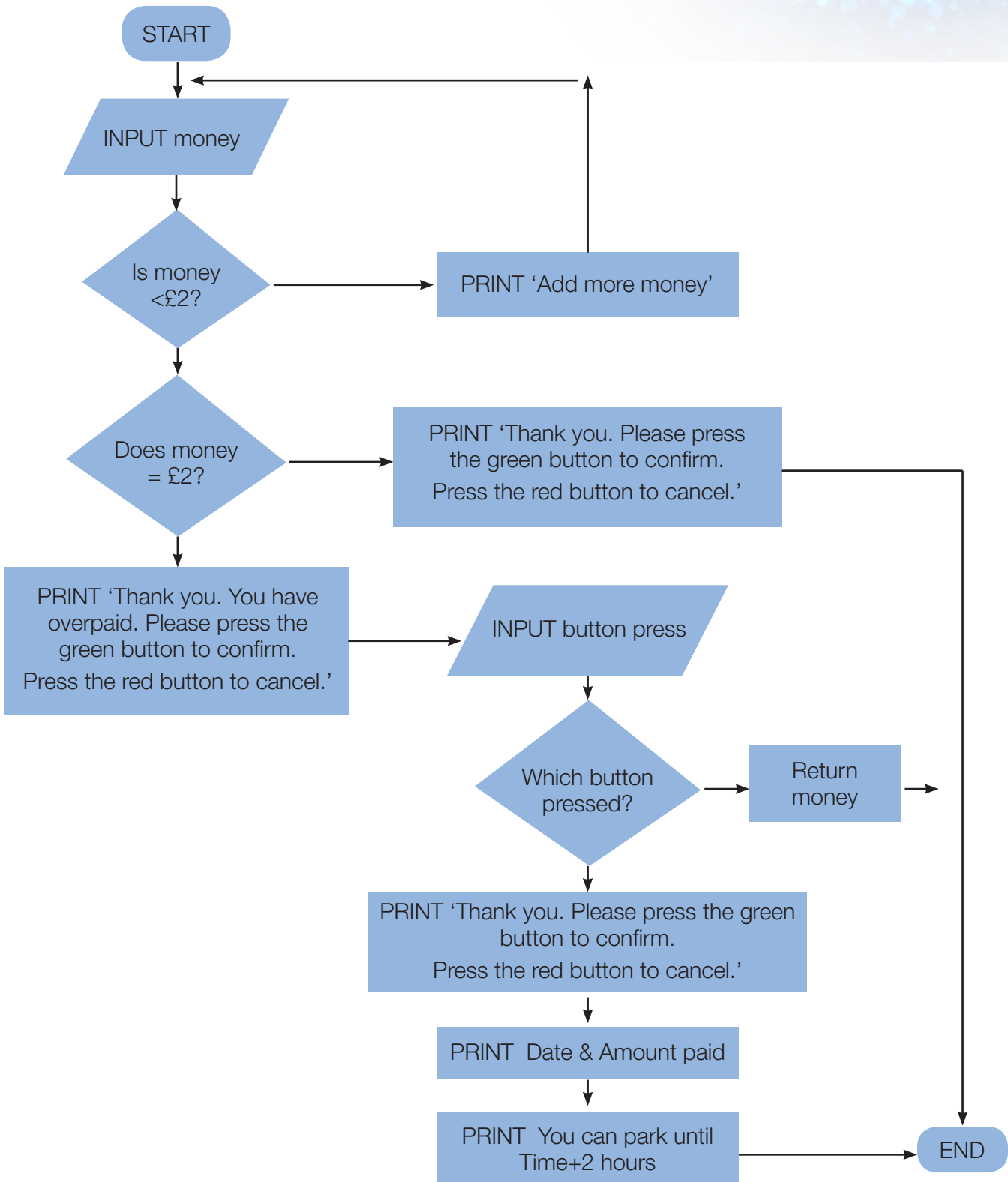# Algorithms in pseudocode and flow diagrams

Worksheet 2

Nav writes a program for printing pay and display car park tickets for a fixed two-hour stay.

START

INPUT money

Is money <£2?

PRINT 'Add more money'

Does money = £2?

PRINT 'Thank you. Please press the green button to confirm. Press the red button to cancel.'

PRINT 'Thank you. You have overpaid. Please press the green button to confirm. Press the red button to cancel.'

INPUT button press

Which button pressed?

Return money

PRINT 'Thank you. Please press the green button to confirm. Press the red button to cancel.'

PRINT Date & Amount paid

PRINT You can park until Time+2 hours

END

(a) A user enters £3. Explain what will happen.

_____

_____

(b) State *two* decisions which have to be made in this process.

_____

_____

(c) A user is issued this ticket from the system:

19/07/2013   £3.00

You can park until 14.21h

State *three* facts you can work out from this ticket.

1. _____

2. _____

3. _____