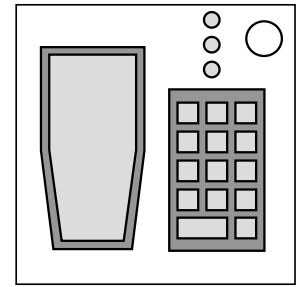# On the Subject of Order Picking

Let's hope you get Tescos their Tropicana.

- You are presented with a screen, a keypad, and 3 LEDs.

- The LEDs show how many orders have been completed.

- To solve the module, you must complete between 1 and 3 orders, then cancel other orders.

- Upon any strike, you must wait 5 seconds before being able to input again.

- The number of orders needed to complete is the same as (the number of batteries) % 3 + 1.

- The function buttons are randomised between three functions: confirm, cancel and backspace.

- To find the backspace button, calculate (the sum of the serial number characters) % 3 + 1 (where A=1, B=2, ..., Z=26).

Table 1

Pallet	Total product
CHEP	231
SIPPL	360
SLPR	96
EWHITE	216
ECHEP	256
ESIPPL	196
ESLPR	110

- To find the confirm button, calculate (the number of ports × the number of portplates) % 3 + 1. If the number is the same as what was calculated for backspace, use the next button (with wrapping around).

- The cancel button is the button left over.

- Make sure to take note of the order ID.

- Press confirm to proceed to the next screen.

- To find the total amount of product on the pallet, you must look at Table 1.

- Proceed to the next screen.

- To find how much product you need to pick, you must add the order ID and the product ID together % 400. Then, if there is at least one lit indicator, subtract 75 until the amount is less than the total amount of product. Otherwise, subtract 50 until the amount is less than the total amount of product.

- Press confirm to proceed to the next screen.

- Then calculate the amount of product remaining (total amount – amount needed).

- Enter the amount of product remaining and press enter to complete the order.