



Worksheet 2: Inputs, Processes and Outputs

Activity 1: Identify the inputs, processes and outputs for the following real-world applications:

Passport Scanner ([Details](#))

Input: Passport barcode is scanned

Process: Data from barcode is checked against national database

Output:



Automatic Windscreen Wiper ([Details](#))

Input:

Process:

Output: Wipers switch on



Fingerprint Clocking-in or Registration System ([Details](#))

Input: Fingerprint on sensor

Process:

Output:



Automatic Smoke Detector ([Details](#))

Input:

Process:

Output:





Activity 2:

1. Identify all of the Input devices at a supermarket self-checkout machine. What data is input for each device?

Input Device	What data is input?

2. What information needs to be stored on the supermarket computer in order to make everything work correctly?
3. Where might this data is stored?
4. What type of storage device could the data be stored on and why?
5. Identify the Output devices at a supermarket and state what the output would be.

Output Device	What data is output?