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Output Devices

The table below gives a list of twenty input, output and storage devices that might be found in a computer system. Put a tick beside each of the OUTPUT devices.

CD Drive		Graph Plotter		Laser Printer		Tape Unit	
Digital Camera		Hard Disk Drive		Light Pen		Touch Sensitive Screen	
Dot Matrix Printer		Inkjet Printer		Microphone		Touch Pad	
DVD Drive		Joystick		Mouse		Tracker Ball	
Graphics Digitiser		Keyboard		Scanner		Visual Display Unit	

Choosing the right Output Device

The output device or devices chosen for a particular application will depend on a number of factors. Give three features of an output device that might decide whether or not it is the best one to use in a particular situation.

- (1) _____
- (2) _____
- (3) _____

Name the Output Device

The table gives some descriptions of different output devices. Name the output device that is being described.

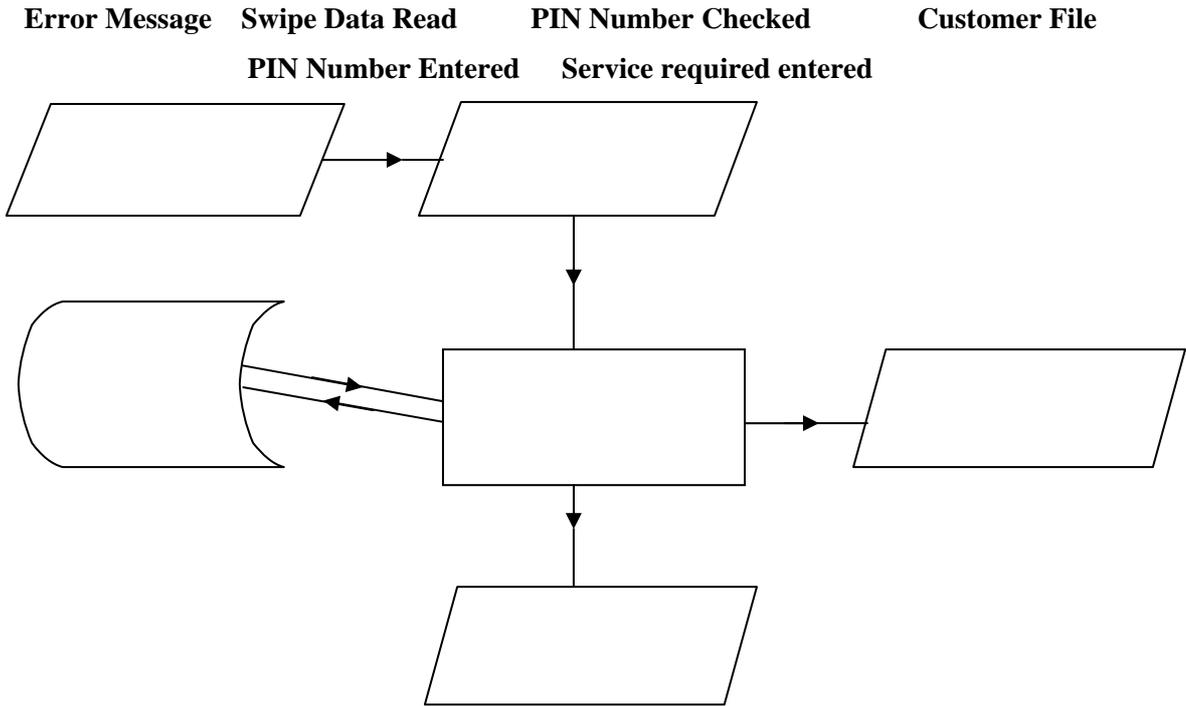
This device produces hard-copy output. It is useful in situations that need two copies printing at the same time but it is rather noisy.	
This device produces hard-copy output. It has the benefit of producing good quality colour output and since it is reasonably cheap to buy, many home computers have one of these attached.	
This output device produces high quality hard-copy very quickly. It has a higher purchase price but cheaper running costs than other high quality printers. However it is limited to monochrome output except in really expensive models.	
This is the only output device that can produce large scale output in colour. It is the only option for producing A3 or larger size architectural drawings and plans.	
This is the most common output device but it does not produce any permanent record of the output.	

A typical Home computer

Name three output devices that you might find on a typical home PC _____

Getting the Cash

The flowchart shows the initial stages of a customer using a cash machine (ATM) to obtain a banking service. Use the word list to fill in the boxes on the flowchart.



Give three items of data that are stored on the magnetic strip on the back of the swipe card

The customer file is stored at the bank's central computer. What data do you think the ATM transmits to this computer?

The diagram above ends at the point where the customer enters the service required. One possible service is to withdraw cash. Describe one other possible service.

If the customer chooses to withdraw cash the ATM will send data to the bank's central computer to update the customer's file. What data will be sent at this stage?

In this application the customer account number and the amount of money required are two data items that have been entered at the ATM.

What would the best validation method be for the account number? _____

What would the best validation method be for the amount of money required? _____

Why is there less chance of the account number being entered incorrectly compared to the PIN number or amount of money required?
