

2 A grocery shop uses a database with a DBMS to keep records of its stock.

(a) Explain what is meant by a DBMS.

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..... [3]

(b) The database uses forms and reports.

Describe each of these and give **one** example of how it would be used in the shop's database.

Form

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..... [2]

Example

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..... [1]

Report

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..... [2]

Example

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..... [1]

Here is some data from the supermarket's database.

ProductID	Description	Supplier	Quantity Left	Reorder Level	Discontinued	Price
0001	6 eggs	Hill Farm	50	20	FALSE	£0.98
0002	2 litres of milk	Hill Farm	17	20	TRUE	£1.20
0003	1kg apples	Killey's	42	50	FALSE	£0.79
0004	250g butter	Hill Farm	12	25	FALSE	£0.49
0005	500g Moku Flakes	Moku Foods	0	10	TRUE	£0.99
0006	6 salad tomatoes	Killey's	30	30	FALSE	£0.89
0007	580g can baked beans	Moku Foods	27	30	FALSE	£0.42
0008	Family tomato ketchup	Moku Foods	41	20	FALSE	£1.45

(c) The shop runs queries using logical operators to select data for different purposes.

(i) State the ProductID of the products in the above sample which fit the following criteria.

Supplier = Killey's

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Price > £1.00 OR Supplier = Hill Farm

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[4]

(ii) Write the criteria which can be used to select all products which are not discontinued and where the QuantityLeft is lower than the ReorderLevel.

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[3]