

## Chapter 3 Entity Relationships - Lexcorp Ex 5

Read the following case study. Study the information carefully and see if you can identify the entities - remember that entities are things about which data will be stored. Make your own list of those things that you think are likely to be entities, before looking at the answers and seeing if you were correct. Then see if you can identify some attributes of each entity.

LexCorp Car Spares is an independent retailer of spare parts for cars. The owner is both the shopkeeper and manager, and he purchases a variety of products from a number of different suppliers. He can check on different suppliers' wholesale and recommended retail prices with reference to their price lists, as shown.

Dim Watt Auto Bulbs 25 Lamplight Ave. Dimton Berks. DM9 8IV		LexCorp Car Spares 45 Starter Street Spareville Notts, SP2 9QT		
Product Code	Description	Wholesale Price	Retail Price	Discount
DW362	H1 Halogen bulb	1.88	3.57	10%
DW363	H3 Headlight bulb	2.49	4.99	15%
DW364	H4 Headlight Bulb	2.70	5.40	15%
DW365	H7 Headlight Bulb	3.49	6.99	12%
DW366	H10 Headlight Bulb	8.25	16.50	10%
DW369	H11 Headlight Bulb	4.03	8.07	15%

During a normal day several customers will enter the shop and a number of them will buy one or more of the products on sale. At some stage the owner may decide that one or more product lines need to be re-ordered, following a visual stock-take. He will then consult the latest suppliers' price lists to see who is offering the best deals on given product lines.

Following this, he will ring one or more of the suppliers to order some of their products. At the same time he will also keep a record of the orders that have been placed with each supplier. These records are used to verify incoming orders and invoicing details.