

joining each subcategory to the category above it. Draw the final categorization (the one where you took items apart) in a different colour.

h Discuss how your diagram relates to what you know about objects and classes.

4.2 Identify class and attribute names for the following groups of objects.

a	<div>Sarah Porter 039777657 Systems Modelling CS20045 53%</div>	<div>Rakesh Patel 039765869 Programming 2 CS20046 65%</div>	<div>Lyn Michaels 039654344 Programming 2 CS20046 41%</div>
b	<div>WM073COC Linen Trousers Cocoa 8,10,12,14,16,18 £55</div>	<div>WL123YLW Floral Cardigan Yellow 8,10,12,14,16,18 £23</div>	<div>MA023BL Friday Shirt Blue 15,16,17,18 £39</div>
c	<div>0333695275 Into Thin Air Jon Krakauer Macmillan 1997</div>	<div>0434287466 Grace Maggie Gee Heinemann 1998</div>	<div>0099268558 Music &amp; Silence Rose Tremain Vintage 2000</div>

4.3 Suggest classes you would expect to find in the following systems:

- a A banking system.
- b A drawing package.
- c A library.
- d University human resource department.
- e Mail order.

4.4 Objects and classes come in different categories: people, organizations, physical things, conceptual things. Identify the categories of the classes you suggested in your answer to Question 4.3.

4.5 Items a–n in Table 4.6 list object-oriented concepts. Items 1–14 list short definitions. Match the concept to the definition that best describes it.