

Selected Exercises from Fundamentals of Database Systems

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1 Chapter 1

1.8 Identify some informal queries and update operations that you would expect to apply to the database shown in Figure 1.2.

1.9 What is the difference between controlled and uncontrolled redundancy? Illustrate with examples.

1.10 Specify all the relationships among the records of the database shown in Figure 1.2.

1.12 Cite some examples of integrity constraints that you think can apply to the database shown in Figure 1.2.

Chapter 2

2.12 Think of different users for the database shown in Figure 1.2. What types of applications would each user need? To which user category would each belong, and what type of interface would each need?

Chapter 3

Chapter 4

Chapter 5

Chapter 6

Chapter 7

Chapter 8

Chapter 9

Chapter 10