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\*\* CHAPTER 2. Introduction to Relational Databases. \*\*

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\*\* Familiarisation with the SQL Server interactive interface \*\*

\*\* and getting to know the data that you will work with on this course. \*\*

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-- Part 1. Highlight and execute the following 'batch' of PRINT/SELECT statements.

-- \*\*NOTE\*\* PRINT is not an SQL statement but is a SQL SERVER Transact-SQL language verb, used here to

-- produce headings for the results.

Use database0

PRINT 'Here are the "departments"'

SELECT \* FROM dept

PRINT 'Here are the "salespeople" (they work in "departments")'

SELECT \* FROM salesperson

PRINT 'Here are the "sales" made by the "salespeople" (to customer "contacts")'

SELECT \* FROM sale

PRINT 'Here are the "contacts" (who work for "companies"), that the "sales" were made to'

SELECT \* FROM contact

PRINT 'Here are those "companies" (that the "contacts" work for)'

SELECT \* FROM company

-- Part 2.

-- By scrolling through the "Results" pane and looking at the data in

-- the 5 different tables type the answers to the following 8 questions.

-- You SHOULD NOT be WRITING ANY SQL YET!!

--1) Write down how many 'departments' will exist AFTER you remove departments managed by anyone

-- with an 'X' in their name.

4

--2) How many departments have salespeople in them?

3

--3) Who (salesperson) has the biggest sales target?

Billy Custard

--4) How many salespeople have sold?

3

--5) To which contact (their name) was the sale on Nov 15th made?

Fred Goalie

--6) What was the post code of the company that the sale on Jan 23rd was made to?

Icicle Igloos

--7) How many contacts have been sold to/not sold to?

6/2

--8) Choose the biggest sale and find the name of the manager of the dept that the sale

-- 'belongs to'.

Paul Peach

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\*\* END OF CHAPTER 2. Introduction to Relational Databases. \*\*

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