Chapter 6 Assignment Part 1 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For all questions, I want to see your query. Some questions ask for more information in addition to copying your query.

Person Database

1. From the person table in the person database, list the First Name and Last name for anyone with a lastname of Smith sort by their firstname. Shown on page 159. Paste your query here. (103 rows)

SELECT \*

FROM Person.Person

WHERE LastName = 'Smith'

ORDER BY FirstName

2. Revising your last query, list the people that have a last name of Smith or Jones? (187 rows)

SELECT \*

FROM Person.Person

WHERE LastName = 'Smith' OR LastName = 'Jones'

ORDER BY FirstName

3. From the person table in the person database, list the First Name and Last name for anyone whose first name begins with K. (1255 rows)

SELECT \*

FROM Person.Person

WHERE FirstName LIKE 'K%'

ORDER BY FirstName

4. In the Person.Address table, list the **unique** values for StateProvinceID? Paste Query. (74 rows)

SELECT DISTINCT StateProvinceID

FROM Person.Address

a. Any ideas, when we have 50 states and you have more than 50 rows in your result set?

Either it’s a different country, or includes more than one country. Many places include Washington D.C. as a separate state code as well.

5. From the Person.address table select the addressid and city for addressids between 2 and 10. (9 rows) Are addresses 2 and 10 shown?

SELECT AddressID, City

FROM Person.Address

WHERE AddressID BETWEEN 2 AND 10

6. From the Person.address table select the addressline1 that contains the character ST Paste your query here. (3652 rows)

SELECT AddressLine1

FROM Person.Address

WHERE AddressLine1 LIKE '%ST%'

7. From the Person.address table select the addressline1 that contains the character ST and at least one more character. Paste your query here. (3487 rows)

SELECT AddressLine1

FROM Person.Address

WHERE AddressLine1 LIKE '%ST%\_'

8. From the Person.address table select the addressline1 that contains the character LL followed by two other characters and nothing else at the end of the addressline. (15 rows) Paste your query here. (In your result set you will see that Peachwillow is the only street).

SELECT AddressLine1

FROM Person.Address

WHERE AddressLine1 LIKE '%LL\_\_'

9. From the Person.address table select the addressline1 that contains the character LL followed by two other characters and addressline1 contains the number 2. (6 rows) Paste your query here.

SELECT AddressLine1

FROM Person.Address

WHERE AddressLine1 LIKE '%LL\_\_' AND AddressLine1 LIKE '%2%'

10. From the Person.address table select the addressline1 that contains the character DR and the addressline1 that contains number 8. Paste your query here. (1324 rows)

SELECT AddressLine1

FROM Person.Address

WHERE AddressLine1 LIKE '%DR%' AND AddressLine1 LIKE '%8%'

11. From the Person.address table select the addressline1 that contains either the number 2 or 3. Paste your query here. (10952 rows)

SELECT AddressLine1

FROM Person.Address

WHERE AddressLine1 LIKE '%2%' OR AddressLine1 LIKE '%3%'

12. From the person table in the person database, show me all the Last name, first name and person type for anyone whose last name starts with C. Use the BETWEEN expression to accomplish this. Sort by the LastName. Shown on page 172. (1386 rows)

SELECT LastName, FirstName, PersonType

FROM Person.Person

WHERE LastName BETWEEN 'C%' AND 'Cz'

ORDER BY LastName

13. From the person.person table, show me all the Last name, first name of any person with the first name of John, Sean or Rob. Sort by Firstname. Use the **IN** expression shown on page 174. (116 rows)

SELECT LastName, FirstName

FROM Person.Person

WHERE FirstName IN ('John', 'Sean', 'Rob')

ORDER BY LastName

a. Does it matter if you change the names to all caps? ‘JOHN’, ‘SEAN’, ‘ROB’

It doesn’t matter if they are capitalized or not.

14. From the person.person table, show the names of the people with a businessentityid of less than 15. Paste your query here. (14 rows)

SELECT LastName, FirstName

FROM Person.Person

WHERE BusinessEntityID < 15

ORDER BY LastName

15. From the person.person table, show the names of the people with a businessentityid of 2, 3, 8. Paste your query here. (3 rows)

SELECT LastName, FirstName

FROM Person.Person

WHERE BusinessEntityID IN (2, 3, 8)

ORDER BY LastName

16. From the person.person table, show the names of the people with a businessentityid from 15 to 25. Paste your query here. (11 rows)

SELECT LastName, FirstName

FROM Person.Person

WHERE BusinessEntityID BETWEEN 15 AND 25

ORDER BY LastName

17. From the person.person table, show the names of the people with a businessentityid greater than 25 (include 25 in the result set). Paste your query here. (19948 rows)

SELECT LastName, FirstName

FROM Person.Person

WHERE BusinessEntityID >= 25

ORDER BY LastName

18. From the person.person table, show the names of the people that are PersonType EM. Paste your query here. (273 rows)

SELECT LastName, FirstName

FROM Person.Person

WHERE PersonType = 'EM'

19. From the person.person table, show the names of the people that are NOT PersonType EM. Paste your query here. (19699 rows)

SELECT LastName, FirstName

FROM Person.Person

WHERE NOT PersonType = 'EM'

20. From the person.person table, show the unique Titles. Paste your query here. (7 rows)

SELECT DISTINCT Title

FROM Person.Person

21. From the person.person table, show the names of the people with the Title of Sr. . Paste your query here. (11 rows)

SELECT LastName, FirstName

FROM Person.Person

Where Title = 'Sr.'

22. From the person.StateProvince table, show the StateProvinceCode and Name for any name starting with A. Paste your query here. (18 rows)

SELECT StateProvinceCode

FROM Person.StateProvince

WHERE Name LIKE 'A%'

23. From the person.StateProvince table, show the StateProvinceCode and Name for any name starting with either K **or** B. Paste your query here. (8 rows)

SELECT StateProvinceCode

FROM Person.StateProvince

WHERE Name LIKE 'K%' OR Name LIKE 'B%'

24. From the person.StateProvince table, show the StateProvinceCode and Name for any that are in the CountryRegionCode of CA and sort by StateProvinceid descending. Paste your query here. (13 rows)

SELECT StateProvinceCode, Name

FROM Person.StateProvince

WHERE CountryRegionCode = 'CA'

ORDER BY StateProvinceID DESC

25. Using Person.Address table, run a query to show the people that live in the StateProvinceId 79? Paste your query here. (2636 rows)

SELECT \*

FROM Person.Address

WHERE StateProvinceID = 79