

Assignment –6

Using Special Operators in Conditions.

1) Write two different queries that would produce all orders taken on October 3rd or 4th, 1990.

Ans:

select * from orders where odate = '1990-10-03' or odate = '1990-10-4';

ONUM	AMT	ODATE	CNUM	SNUM
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1001
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002

select * from orders where odate in ('1990-10-03', '1990-10-04');

ONUM	AMT	ODATE	CNUM	SNUM
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1001
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002

2) Write a query that selects all of the customers serviced by Peel or Motika.

Ans:

select * from customers where snum in (select snum from salespeople where sname='Peel' or sname = 'Motika');

cnum	cname	city	rating	snum
2001	Hoffman	London	100	1001
2006	Clemens	London	100	1001
2007	Pereira	Rome	100	1004

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3) Write a query that will produce all the customers whose names begin with a letter from 'A' to 'G'.

Ans:

select * from customers where cname >= 'A' and cname <'H';

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| cnum | cname | city | rating | snum |

+-----+-----+-----+-----+-----+

| 2002 | Giovanni | Rome | 200 | 1003 |

| 2004 | Grass | Berlin | 300 | 1002 |

| 2006 | Clemens | London | 100 | 1001 |

| 2008 | Cisneros | San Jose | 300 | 1007 |

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4) Write a query that selects all customers whose names begin with the letter 'C'

Ans:

select * from customers where cname like 'C%';

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| cnum | cname | city | rating | snum |

+-----+-----+-----+-----+-----+

| 2006 | Clemens | London | 100 | 1001 |

| 2008 | Cisneros | San Jose | 300 | 1007 |

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5) Write a query that selects all orders except those with zeroes or NULLs in the amt field.

Ans:

select * from orders where amt not in (0) and amt is not null;

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| ONUM | AMT | ODATE | CNUM | SNUM |

+-----+-----+-----+-----+-----+

| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |

| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |

| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |

| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |

| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |

| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |

| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |

| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |

| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |

| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |

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