Day 3 ASSIGNMENT

Salesman:

|  |  |  |  |
| --- | --- | --- | --- |
| **salesman\_id** | **name** | **city** | **commission** |
| 5001 | James Hoog | New York | 0.15 |
| 5002 | Nail Knite | Paris | 0.13 |
| 5005 | Pit Alex | London | 0.11 |
| 5006 | Mc Lyon | Paris | 0.14 |
| 5007 | Paul Adam | Rome | 0.13 |
| 5003 | Lauson Hen | San Jose | 0.12 |

**Customer:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **customer\_id** | **cust\_name** | **city** | **grade** | **salesman\_id** |
| 3002 | Nick Rimando | New York | 100 | 5001 |
| 3007 | Brad Davis | New York | 200 | 5001 |
| 3005 | Graham Zusi | California | 200 | 5002 |
| 3008 | Julian Green | London | 300 | 5002 |
| 3004 | Fabian Johnson | Paris | 300 | 5006 |
| 3009 | Geoff Cameron | Berlin | 100 | 5003 |
| 3003 | Jozy Altidor | Moscow | 200 | 5007 |
| 3001 | Brad Guzan | London |  | 5005 |

**Orders:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ord\_no** | **purch\_amt** | **ord\_date** | **customer\_id** | **salesman\_id** |
| 70001 | 150.5 | 05-10-2012 | 3005 | 5002 |
| 70009 | 270.65 | 10-09-2012 | 3001 | 5005 |
| 70002 | 65.26 | 05-10-2012 | 3002 | 5001 |
| 70004 | 110.5 | 17-08-2012 | 3009 | 5003 |
| 70007 | 948.5 | 10-09-2012 | 3005 | 5002 |
| 70005 | 2400.6 | 27-07-2012 | 3007 | 5001 |
| 70008 | 5760 | 10-09-2012 | 3002 | 5001 |
| 70010 | 1983.43 | 10-10-2012 | 3004 | 5006 |
| 70003 | 2480.4 | 10-10-2012 | 3009 | 5003 |
| 70012 | 250.45 | 27-06-2012 | 3008 | 5002 |
| 70011 | 75.29 | 17-08-2012 | 3003 | 5007 |
| 70013 | 3045.6 | 25-04-2012 | 3002 | 5001 |

**Do it yourself:**

1. **While creating the above tables put every constraints discussed during the session.**
2. **write a SQL query to find the salesperson and customer who reside in the same city. Return Salesman, cust\_name and city.**
3. **write a SQL query to find those orders where the order amount exists between 500 and 2000. Return ord\_no, purch\_amt, cust\_name, city.**
4. **write a SQL query to find the salesperson(s) and the customer(s) he represents. Return Customer Name, city, Salesman, commission.**
5. **write a SQL query to find salespeople who received commissions of more than 12 percent from the company. Return Customer Name, customer city, Salesman, commission.**
6. **write a SQL query to locate those salespeople who do not live in the same city where their customers live and have received a commission of more than 12% from the company. Return Customer Name, customer city, Salesman, salesman city, commission.**
7. **write a SQL query to generate a report with customer name, city, order number, order date, order amount, salesperson name, and commission to determine if any of the existing customers have not placed orders or if they have placed orders through their salesman or by themselves.**

**Views:**

**Student\_details**

|  |  |  |
| --- | --- | --- |
| **S\_ID** | **NAME** | **ADDRESS** |
| 1 | Harsh | Kolkata |
| 2 | Ashish | Durgapur |
| 3 | Pratik | Delhi |
| 4 | Dhanraj | Bihar |
| 5 | Ram | Rajasthan |

**Student\_marks:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S\_ID** | **NAME** | **Marks** | **AGE** |
| 1 | Harsh | 90 | 19 |
| 2 | Suresh | 50 | 20 |
| 3 | Pratik | 80 | 19 |
| 4 | Dhanraj | 95 | 21 |
| 5 | Ram | 85 | 18 |

1. **Create a view to that displays name, address and marks.**