SQL Day5 Hands On:

Problem # 1:

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| **PMS\_MANUFACTURING** |
| MANUFACTURE\_ID |
| PRODUCT\_ID |
| UNIT\_ID |
| QUANTITY |
| AVAILABILITY |
| PRODUCT\_MANUFACTURE\_DATE |
| PRODUCT\_EXPIRY\_DATE |

Write a query to display the product details which will get expire on or before 31st Aug 2012 Problem # 2:

Write a query to display the maximum quantity based on product id Problem # 3:

Write a query to display the no of days the product will be available in use

Problem # 4:

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| **LMS\_BOOK\_DETAILS** |
| BOOK\_CODE |
| BOOK\_TITLE |
| CATEGORY |
| AUTHOR |
| PUBLICATION |
| PUBLISH\_DATE |
| BOOK\_EDITION |
| PRICE |
| RACK\_NUM |
| DATE\_ARRIVAL |
| SUPPLIER\_ID |

Write a query to list the category and number of books in each category with alias name ‘NO\_OF\_BOOKS’ and sort by category in ascending orderProblem # 5:

Problem # 6:

Write a query to list the category and number of books in each category with alias name ‘NO\_OF\_BOOKS’ in which the ‘NO\_OF\_BOOKS’ are more than 5

Problem # 7:

Write a query to display the book details which costs higher based on author and supplier name Problem # 8:

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| **LMS\_MEMBERS** |
| MEMBER\_ID |
| MEMBER\_NAME |
| CITY |
| DATE\_REGISTER |
| DATE\_EXPIRE |
| MEMBERSHIP\_STATUS |

Write a query to display the data on ascending order based on city whose membership status is Temporary

Problem#9:

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| **PMS\_MANUFACTURING** |
| MANUFACTURE\_ID |
| PRODUCT\_ID |
| UNIT\_ID |
| QUANTITY |
| AVAILABILITY |
| PRODUCT\_MANUFACTURE\_DATE |
| PRODUCT\_EXPIRY\_DATE |

Write a query to display manufacture\_id, product\_id, unit\_id in the sequence using rank functions Sales(SalesID,SalesRegion,SalesPerson,SalesAmount)

1. **Write a query to display the salesregion which has affected the maximum sales totalsales from the table Sales**

Employee(Eno,Ename,Department,Salary)

1. **Write a query to display information about the department which has the maximum number of employees from the table**

Employee Account(Accountno,Accounttype,Accountopendate)

1. **Query to retrieve information about the type of account which has the maximum number of customers Product(Productid,Productname,cost Price,Selling Price)**
2. **Display information about the product which has the maximum profit margin**