**ORACLE LAB-1**

**LAB 1.1**

SQL> SELECT staff\_name,staff\_sal,dept\_code

FROM staff\_master

WHERE dept\_code IN(20,20,40);

**STAFF\_NAME STAFF\_SAL DEPT\_CODE**

-------------------------------------------------- ---------- ----------

Shyam 20000 20

Anil 20000 20

Smith 62000 20

Raviraj 18000 40

Rahul 22000 20

**LAB 1.2**

SQL> SELECT student\_code,student\_year, (subject1+subject2+subject3) AS TotalMarks

FROM student\_marks;

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

------------ ------------ ----------

1001 2010 178

1002 2010 228

1003 2010 206

1004 2010 219

1005 2010 231

1006 2010 205

1007 2010 195

1008 2010 182

1009 2010 188

1010 2010 204

1011 2010 263

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

------------ ------------ ----------

1012 2010 189

1013 2010 198

1014 2010 212

1015 2010 185

1016 2010 220

1017 2010 165

1018 2010 199

1019 2010 210

1020 2010 165

1021 2010 235

1001 2011 204

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

------------ ------------ ----------

1002 2011 263

1003 2011 189

1004 2011 198

1005 2011 212

1006 2011 185

1007 2011 220

1008 2011 165

1009 2011 199

1010 2011 210

1011 2011 165

1012 2011 235

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

------------ ------------ ----------

1013 2011 228

1014 2011 219

1015 2011 231

1016 2011 205

1017 2011 195

1018 2011 182

1019 2011 188

1020 2011 178

1021 2011 206

1001 2013 204

1002 2013 263

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

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1003 2013 189

1004 2013 198

1005 2013 212

1006 2013 185

1007 2013 220

1008 2013 165

1009 2013 199

1010 2013 210

1011 2013 165

1012 2013 235

1013 2013 228

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

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1014 2013 219

1015 2013 231

1016 2013 205

1017 2013 195

1018 2013 182

1019 2013 188

1020 2013 178

1021 2013 206

1001 2012 204

1002 2012 263

1003 2012 189

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

------------ ------------ ----------

1004 2012 198

1005 2012 212

1006 2012 185

1007 2012 220

1008 2012 165

1009 2012 199

1010 2012 210

1011 2012 165

1012 2012 235

1013 2012 228

1014 2012 219

**STUDENT\_CODE STUDENT\_YEAR TOTALMARKS**

------------ ------------ ----------

1015 2012 231

1016 2012 205

1017 2012 195

1018 2012 182

1019 2012 188

1020 2012 178

1021 2012 206

**LAB 1.3**

SQL> SELECT staff\_name AS NAME,Design\_code AS "Designation Code"

FROM staff\_master

WHERE hiredate<'01-jan-03' AND staff\_sal BETWEEN 12000 AND 25000;

**NAME Designation Code**

**-------------------------------------------------------------------**

Shyam 102

Mohan 102

Anil 102

**LAB 1.4**

SQL> SELECT staff\_code,staff\_name,design\_code

FROM staff\_master

WHERE (sysdate-hiredate)>18\*365

ORDER BY hiredate;

no rows selected

**LAB 1.5**

SQL> SELECT staff\_name,design\_code,staff\_sal

FROM staff\_master

WHERE (sysdate-hiredate)>10\*365;

**STAFF\_NAME DESIGN\_CODE STAFF\_SAL**

-------------------------------------------------- ----------- ----------

Arvind 102 17000

Shyam 102 20000

Mohan 102 24000

Anil 102 20000

John 106 32000

Allen 103 42000

Smith 103 62000

Raviraj 102 18000

Rahul 102 22000

Ram 103 32000

**LAB 1.6**

SQL> SELECT student\_name||','||dept\_code AS "STUDENT INFO"

FROM student\_master;

**STUDENT INFO**

--------------------------------------------------------------------------------

Amit,10

Ravi,10

Ajay,20

Raj,30

Arvind,40

Rahul,50

Mehul,20

Dev,10

Vijay,30

Rajat,40

Sunder,50

**STUDENT INFO**

--------------------------------------------------------------------------------

Rajesh,30

Anil,20

Sunil,10

Kapil,40

Ashok,40

Ramesh,30

Amit Raj,50

Ravi Raj,50

Amrit,10

Sumit,20

**LAB 1.7**

SQL> SELECT \*

FROM staff\_master

WHERE mgr\_code IS NULL;

no rows selected

**LAB 1.8**

SQL> SELECT student\_name,dept\_code,student\_dob

FROM student\_master

WHERE student\_dob BETWEEN '01-JAN-81' AND '31-MAR-83'

ORDER BY student\_dob ASC;

**STUDENT\_NAME DEPT\_CODE STUDENT\_D**

-------------------------------------------------- ---------- ---------

Rahul 50 16-JAN-81

Dev 10 11-MAR-81

Kapil 40 18-MAR-81

Ravi Raj 50 29-MAY-81

Ravi 10 01-NOV-81

Ajay 20 13-JAN-82

Mehul 20 17-JAN-82

Arvind 40 15-JAN-83

**LAB 1.9.1**

SQL> SELECT \*

FROM book\_master

WHERE book\_pub\_year BETWEEN 2001 AND 2004;

**BOOK\_CODE BOOK\_NAME BOOK\_PUB\_YEAR BOOK\_PUB\_AUTHOR**

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10000003 JAVA Complete Reference 2004 H.Schild

10000007 Intoduction To Algorithams 2001 Cormen

10000009 Introduction to O/S 2001 Millan

**LAB 1.9.2**

SQL> SELECT \*

FROM book\_master

WHERE book\_name LIKE '%&%';

no rows selected

**LAB 1.10**

SQL> SELECT \*

FROM book\_master

WHERE book\_name LIKE '%Comp%';

**BOOK\_CODE BOOK\_NAME BOOK\_PUB\_YEAR BOOK\_PUB\_AUTHOR**

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10000003 JAVA Complete Reference 2004 H.Schild

10000004 J2EE Complete Reference 2000 H. Schild

10000008 Computer Networks 2000 Tanenbaum

**LAB 1.11**

SQL> SELECT staff\_name

FROM staff\_master

WHERE ((staff\_name LIKE 'A%S') OR ((staff\_name LIKE

'\_N%')OR(staff\_name LIKE '\_\_N%'))) AND ((staff\_name

LIKE '%N')OR(staff\_name LIKE '%S'));

no rows selected

**LAB 1.12**

SQL> SELECT staff\_name

FROM staff\_master

WHERE staff\_name LIKE '%\\_%';

no rows selected