

DBMS LAB REPORT

Lab Number : 1

Date : 13 January, 2022

Name of the student : Ashish Kumar Mishra

Roll Number : 20051685

Branch : Computer Science and Engineering

Section : CSE -10

Commands Used:

SQL > connect / as sysdba;
Connected.

SQL > create user C_20051685 identified by
C_20051685;

User created.

SQL > grant all privileges to C_20051685;

Grant succeeded.

SQL > create TABLE Employee (EMPNO number(5),
ENAME varchar(20), JOB varchar(20),
MGR number(4), HIREDATE date, SAL
number(5), COMM number(4), DEPTNO
number(3));

Table created.

SQL > desc Employee;

Name	Null ?	Type
EMPNO		NUMBER(5)
ENAME		VARCHAR2(20)
JOB		VARCHAR2(20)
MGR		NUMBER(4)
HIREDATE		DATE

SAL
COMM
DEPTNO

NUMBER (5)
NUMBER (4)
NUMBER (3)

SQL > create TABLE Student (Roll NUMBER(8),
Name VARCHAR(20), CGPA NUMBER(4,2),
Branch VARCHAR(10), City VARCHAR(10)).

Table created.

SQL > desc student;

Name	Null ?	Type
ROLL		NUMBER(8)
NAME		VARCHAR2(20)
CGPA		NUMBER(4,2)
BRANCH		VARCHAR2(10)
CITY		VARCHAR2(10)

SQL > insert into Student (roll, name, cgpa,
branch, city) values (20051685, 'Ashish',
9.29, 'CSE', 'GKP');

1 row created.

SQL > select * from student;

ROLL	NAME	CGPA	BRANCH	CITY
20051685	Ashish	9.29	CSE	GKP

SQL > select name, cgpa from Student;

NAME	CGPA
Ashish	9.29

SQL > insert into Student (roll, name, branch, city) values (20051653, 'Aditya', 'CSE', 'GKP');

I now created.

SQL > select * from Student;

ROLL	NAME	CGPA	BRANCH	CITY
20051685	Ashish	9.29	CSE	GKP
20051653	Aditya		CSE	GKP

SQL > insert into Student values (20051691, 'Samik', 9.20, 'CSE', 'WB');

I now created.

SQL > desc Student;

Name	Null?	Type
ROLL		NUMBER (8)
NAME		VARCHAR2 (20)
CGPA		NUMBER (4,2)
BRANCH		VARCHAR2 (10)

CITY

VARCHAR2 (10)

SQL > select * from Student;

ROLL	NAME	CGPA	BRANCH	CITY
20051685	Ashish	9.29	CSE	GXP
20051653	Aditya		CSE	GXP
20051691	Samik	9.2	CSE	WB

SQL > insert into Student values (&roll, 'Sname', &cgpa, '&branch', &city);

Enter value for roll: 20051702
 Enter value for name: Saurabh
 Enter value for cgpa: 9.21
 Enter value for branch: CSE
 Enter value for city: Patna

old 1: insert into Student values (&roll, 'Sname', &cgpa, '&branch', '&city')

new 1: insert into Student values (20051702, 'Saurabh', 9.21, 'CSE', 'Patna')

1 now created.

SQL > select * from Student;

ROLL	NAME	CGPA	BRANCH	CITY
20051685	Ashish	9.29	CSE	GXP
20051653	Aditya		CSE	GXP

20051691	Samik	9.2	CSE	WB
20051702	Saurabh	9.21	CSE	Patna
SQL > commit;				
Commit complete.				

Final Table :

SQL> select * from Student;

ROLL	NAME	CGPA	BRANCH	CITY
20051685	Ashish	9.29	CSE	GKP
20051653	Aditya		CSE	GKP
20051691	Samik	9.2	CSE	WB
20051702	Saurabh	9.21	CSE	Patna

SQL> commit;

Commit complete.