INDIAN SCHOOL NIZWA - WORKSHEET

INFORMATICS PRACTICES
Chapter 7 & 8 : SQL - WS1

Name: _____ Date:_____ Class: XII Sec: ___

1. Create the following table

Students

Column name	Data type	Size	Constraints
Adno	Integer	3	Primary key
Name	Varchar	20	
Average	Integer	3	
Sex	Char	1	
Scode	Integer	4	

Students

Adno	Name	Average	Sex	Scode
501	R.Jain	98	M	111
545	Kavita	73	F	333
705	K.Rashika	85	F	111
754	Rahul Goel	60	M	444
892	Sahil Jain	78	M	333
935	Rohan Saini	85	M	222
955	Anjali	64	F	444
983	Sneha Aggarwal	80	F	222

2. Write queries based upon item table given in q. no 27.

a) Display all students' information.

b) Display Rohan Saini's information.

c) Display number of students in the table.

d) Display number of students in each sex.

e) Display students' information in ascending order using name.

f) Display students' information in descending order using average marks.

g) Display students' name starting with letter "K".

h) Display students' information, whose name ends with "l".

i) Display a report with adno,name,average*5 as total marks from student table.

j) Display students' information, whose average marks are in between 80 to 90.

k) Display students' info., who are getting average marks of more than 80 and scode 333.

l) Display students' name and average marks, whose scode is 222 and 333.

m) Display sum of average marks.

n) Display maximum average marks

o) Display minimum average marks

p) Display average value of average marks.

q) Display maximum, minimum and sum of average marks in each scode.

r) Display number of students in each scode

s) Remove 111 scode information.

t) Add new column state with varchar(10).

u) Increment 2 marks for 444 scodes info.

v) Remove column state.

3. Give the output of the following SQL queries.

a) Select sum(Average) From students Where sex='M';

b) Select distinct (Scode) From students;

c) Seect avg(Average) from students;

d) Select min(Average) from students;

e) Select max(Scode) from students;

f) Select count(price) from students;

g) Select distinct(scode) from students;

h) Select count(distinct sode) from students;