



# INDIAN SCHOOL AL WADI AL KABIR

<b>Class: 11<sup>th</sup> (IP)</b>	<b>Department: Computer Science</b>	<b>Date of submission:</b>
<b>Worksheet No:13</b>	<b>Topic: MySQL – DML Commands &amp; Aggregate Functions</b>	<b>Note: To be written in Notebook</b>

1. Pranay, who is an Indian, created a table named “**Friends**” to store his friend’s detail. Table “Friends” is shown below. Write output for (i) to (x).

SNo	Name	Age	City	Country	Email
1	Alice	34	Washington	USA	Alice_SK@gmail.com
2	Chales	32	Copenhagen	Denmark	Charles45@yahoo.com
3	Angel	24	Chicago	USA	Null
4	Jasmine	45	Sydney	Australia	Jasmine12@yahoo.com
5	Raj	25	New Delhi	India	Raj_mia@gmail.com
6	Jette	31	Frederiksberg	Denmark	Jette_Fberg362@gmail.com
7	Alexender	27	Melbourne	Australia	Alex_Paul213@hotmail.com
8	Shashank	36	Bengaluru	India	Null
9	Kotomi	28	Tokyo	Japan	Kotomi90@hotmail.com
10	Albin	33	Stockholm	Sweden	AblinSholm@gmail.com

- i. SELECT NAME, CITY FROM FRIENDS WHERE COUNTRY = “AUSTRALIA”;
- ii. SELECT COUNT(\*) FROM FRIENDS WHERE AGE<30;
- iii. SELECT AVG(AGE) FROM FRIENDS WHERE EMAIL IS NULL;
- iv. SELECT MAX(AGE) FROM FRIENDS WHERE SNO>5;
- v. SELECT MIN(AGE) FROM FRIENDS WHERE COUNTRY NOT IN (“USA”, “INDIA”);
- vi. SELECT COUNT(EMAIL) FROM FRIENDS WHERE AGE BETWEEN 20 AND 30;
- vii. SELECT MAX(NAME) FROM FRIENDS WHERE EMAIL LIKE “%gmail%”;
- viii. SELECT MIN(NAME) FROM FRIENDS WHERE COUNTRY = “DENMARK”;
- ix. SELECT NAME, CITY FROM FRIENDS ORDER BY AGE;
- x. SELECT NAME, COUNTRY FROM FRIENDS WHERE AGE>30 ORDER BY CITY DESC;

2. Consider the following EMPLOYEE table and answer the Queries (a) to (h) given below:

ProjCode	EmpNo	EmpName	DeptName	HourlyRate
PC010	S10001	A Smith	IT	22.00
PC010	S10030	L Jones	Pensions	18.00
PC045	S10010	B Jones	IT	21.75
PC045	S10001	A Smith	IT	18.00
PC045	S31002	T Gilbert	Database	25.50
PC064	S13210	W Richards	Salary	17.00
PC064	S31002	R Robert	Database	23.25
PC064	S10034	B James	HR	16.50

- Increase the Hourly Rate of all the employees by Rs. 5.00
- Decrease the Hourly Rate of IT employees by Rs. 1.75
- Increase the Hourly Rate of HR employees by 5%.
- Change the department of **L Jones** as **ADMIN**.
- Remove the details of all the **Database** employees.
- Remove the details of employees whose name consists of **Jones**.
- Remove the details of all the employees whose Hourly Rate is more than Rs. 20
- Remove the details of employees whose name ends with **T**.