INDIAN SCHOOL AL WADI AL KABIR
2022 -23

Class: X	SUBJECT: COMPUTER SCIENCE
Holiday Homework	TOPIC : DBMS & MYSQL

CASE STUDY

1. Mr.Singh is responsible for setting up an inventory system in a supermarket.He has to create a database table,INVENTORY, to store the information on products for sale.

   QUERIES:
   a. Create a database for inventory.

   b. List out the possible fields for the inventory table.

   c. Create a table for the inventory system.

   d. Identify the primary key in the table.

   e. Insert the data/records(minimum 10) into the table.

   f. Display the table.

2. St. John's High School, is planning to start a new sports club.
   coach_id   int(2)
   coachname   varchar(15)
   age   int(2)
   sports   varchar(25)
   dateofapp   date
   pay   int(6)
   sex   char(1)

coachid	coachname	age	sports	datofapp	pay	sex
1	kukreja	35	karate	27-03-1998	1000	m
2	ravina	34	karate	10-01-1998	1200	f
3	karan	34	squash	10-02-1998	2000	m
4	tarun	33	basketball	01-01-1998	1500	m
5	zubin	36	swimming	12-01-1996	750	m
6	ketaki	36	swimming	24-02-1998	800	f
7	ankita	39	squash	20-02-1998	2200	f
8	zareen	37	karate	22-02-1998	1100	f
9	kush	41	swimming	13-01-1998	900	m
10	shailya	37	basketball	19-02-1998	1700	m

QUERIES:

1. Create a database (database name: club_db).

2. Create a table (tablename: club_tb).

3. Display the structure of the table.

4. Insert 10 records as shown in the table above.

5. Display the table.

6. Execute the below queries and find the output on MYSQL.

    a. select coachname,sports from club_tb where pay>1000;

    b. select * from club_tb where sports like "s%";

    c. select * from club_tb where age<38;

    d. select * from club_tb where coachname like "%a";

    e. select coachname from club_tb where sex='m';

NOTE:

+ All the queries must be written in your Computer Science notebook.

+ Last date to submit: 17/08/2022.