**MYSQL - CLUB**

**CLUB TABLE:**

select \* from club;

+---------+---------+------+----------+------------+------+

| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+---------+------+----------+------------+------+

| 1 | Ashok | 35 | Karate | 2019-03-11 | 2000 |

| 2 | Tushar | 34 | Karate | 2020-02-15 | 2500 |

| 3 | Chetan | 34 | Swimming | 2020-07-22 | 2400 |

| 4 | Jagdeep | 33 | Squash | 2018-02-06 | 2450 |

| 5 | Sudhir | 37 | Swimming | 2019-06-18 | 2750 |

+---------+---------+------+----------+------------+------+

**QUESTION**:

Write and implement queries to:

a) To show all information about the swimming coaches in the club.

select \* from club where Sports = "Swimming";

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| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+--------+------+----------+------------+------+

| 3 | Chetan | 34 | Swimming | 2020-07-22 | 2400 |

| 5 | Sudhir | 37 | Swimming | 2019-06-18 | 2750 |

+---------+--------+------+----------+------------+------+

b) To display the details of those sports with Coach names ending with 'r’

select \* from club where CName like "%r";

+---------+--------+------+----------+------------+------+

| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+--------+------+----------+------------+------+

| 2 | Tushar | 34 | Karate | 2020-02-15 | 2500 |

| 5 | Sudhir | 37 | Swimming | 2019-06-18 | 2750 |

+---------+--------+------+----------+------------+------+

c) Display a report with Coach id, Name, and pay increased by 500.

select coachid, cname, pay+500 from club;

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| coachid | cname | pay+500 |

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| 1 | Ashok | 2500 |

| 2 | Tushar | 3000 |

| 3 | Chetan | 2900 |

| 4 | Jagdeep | 2950 |

| 5 | Sudhir | 3250 |

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d) To change the sport from Squash to Basket Ball.

update club set Sports = 'Basket Ball' where Sports = "Squash"

e) Sort the table in ascending order of Dateofloin.

select \* from club order by dateofjoin;

+---------+---------+------+-------------+------------+------+

| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+---------+------+-------------+------------+------+

| 4 | Jagdeep | 33 | Basket Ball | 2018-02-06 | 2450 |

| 1 | Ashok | 35 | Karate | 2019-03-11 | 2000 |

| 5 | Sudhir | 37 | Swimming | 2019-06-18 | 2750 |

| 2 | Tushar | 34 | Karate | 2020-02-15 | 2500 |

| 3 | Chetan | 34 | Swimming | 2020-07-22 | 2400 |

+---------+---------+------+-------------+------------+------+

f) Remove all details of Coachid 4.

delete from club where coachid = 4;

g) Display the details of coaches with salary in the range 2500-3000 in descending order of pay.

select \* from club where pay between 2500 and 3000 order by pay desc;

+---------+--------+------+----------+------------+------+

| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+--------+------+----------+------------+------+

| 5 | Sudhir | 37 | Swimming | 2019-06-18 | 2750 |

| 2 | Tushar | 34 | Karate | 2020-02-15 | 2500 |

+---------+--------+------+----------+------------+------+

h) Display the details of swimming and karate coaches.

select \* from club where Sports in ("Swimming", "Karate");

+---------+--------+------+----------+------------+------+

| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+--------+------+----------+------------+------+

| 1 | Ashok | 35 | Karate | 2019-03-11 | 2000 |

| 2 | Tushar | 34 | Karate | 2020-02-15 | 2500 |

| 3 | Chetan | 34 | Swimming | 2020-07-22 | 2400 |

| 5 | Sudhir | 37 | Swimming | 2019-06-18 | 2750 |

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i) Display the details of coaches who joined in 2020.

select \* from club where DateOfJoin between "2020-01-01" and "2020-12-31";

+---------+--------+------+----------+------------+------+

| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+--------+------+----------+------------+------+

| 2 | Tushar | 34 | Karate | 2020-02-15 | 2500 |

| 3 | Chetan | 34 | Swimming | 2020-07-22 | 2400 |

+---------+--------+------+----------+------------+------+

j) Display the details of coaches who has ages 34/35/36/37.

select \* from club where age in (34, 35, 36, 37);

+---------+--------+------+----------+------------+------+

| Coachid | CName | Age | Sports | DateofJoin | Pay |

+---------+--------+------+----------+------------+------+

| 1 | Ashok | 35 | Karate | 2019-03-11 | 2000 |

| 2 | Tushar | 34 | Karate | 2020-02-15 | 2500 |

| 3 | Chetan | 34 | Swimming | 2020-07-22 | 2400 |

| 5 | Sudhir | 37 | Swimming | 2019-06-18 | 2750 |

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