#Inidain Cricket Players

SQL> CREATE TABLE Indian\_Squad\_WC\_2023 (Name\_of\_the\_Player varchar (30), No\_of\_Test Number (3), No\_of\_ODI Number (3), No\_of\_T20I Number (3), No\_of\_IPL Number (3));

SQL> DESC Indian\_Squad\_WC\_2023;

SQL>INSERT INTO Indian\_Squad\_WC\_2023 (Name\_of\_the\_Player, No\_of\_Test, No\_of\_ODI, No\_of\_T20I, No\_of\_IPL) VALUES ('Mohammed Siraj', 21, 36, 8, 79);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Rohit Sharma (C)’, 52, 256, 148, 243);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Shubman Gill', 18, 39, 11, 91);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Virat Kohli', 111, 287, 115, 237);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Ishan Kishan', 2, 27, 29, 91);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('KL Rahul', 47, 67, 72, 118);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Suryakumar Yadav', 1, 32, 53, 139);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Hardik Pandya(VC)', 11, 86, 92, 123);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Ravindra Jadeja', 67, 192, 64, 226);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Mohammed Shami', 64, 96, 23, 110);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Jasprit Bumrah', 30, 84, 62, 120);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Kuldeep Yadav', 8, 96, 32, 73);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Shreyas Iyer', 10, 53, 49, 101);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Ravichandran Ashwin', 94, 116, 65, 197);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Shardul Thakur', 10, 47, 25, 86);

SQL> INSERT INTO Indian\_Squad\_WC\_2023 VALUES ('Mohammed Siraj', 21, 36, 8, 79);

# Adding Columns to the TABLE.

SQL> ALTER TABLE Indian\_Squad\_WC\_2023 ADD (Test\_Runs Number(5), ODI\_Runs Number(5), T20I\_Runs Number(5), IPL\_Runs Number(5), Test\_Wickets Number(3), ODI\_Wickets Number(3), T20I\_Wickets Number(3), IPL\_Wickets Number(3);

# Setting Page and Line size of the table.

SQL> SET LINESIZE 250;

SQL> SET PAGESIZE 100;

# Updating data to the TABLE.

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=3677, ODI\_Runs=10510, T20I\_Runs=3853, IPL\_Runs=6211, Test\_Wickets=2, ODI\_Wickets=8, T20I\_Wickets=1, IPL\_Wickets=15 WHERE Name\_of\_the\_Player='Rohit Sharma (C)';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=966, ODI\_Runs=2021, T20I\_Runs=304, IPL\_Runs=2790 WHERE Name\_of\_the\_Player='Shubman Gill';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=8676, ODI\_Runs=13437, T20I\_Runs=4008, IPL\_Runs=7263, ODI\_Wickets=4, T20I\_Wickets=4, IPL\_Wickets=4 WHERE Name\_of\_the\_Player='Virat Kohli';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=666, ODI\_Runs=1935, T20I\_Runs=1043, IPL\_Runs=2776 WHERE Name\_of\_the\_Player='Shreyas Iyer';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=8, ODI\_Runs=718, T20I\_Runs=1841, IPL\_Runs=3249 WHERE Name\_of\_the\_Player='Suryakumar Yadav';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=532, ODI\_Runs=1769, T20I\_Runs=1348, IPL\_Runs=2309, Test\_Wickets=17, ODI\_Wickets=84, T20I\_Wickets=73, IPL\_Wickets=53 WHERE Name\_of\_the\_Player='Hardik Pandya (VC)';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=2804, ODI\_Runs=2683, T20I\_Runs=457, IPL\_Runs=2692, Test\_Wickets=275, ODI\_Wickets=212, T20I\_Wickets=51, IPL\_Wickets=152 WHERE Name\_of\_the\_Player='Ravindra Jadeja';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=3185, ODI\_Runs=707, T20I\_Runs=184, IPL\_Runs=714, Test\_Wickets=489, ODI\_Wickets=156, T20I\_Wickets=72, IPL\_Wickets=171 WHERE Name\_of\_the\_Player='Ravichandran Ashwin';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=2642, ODI\_Runs=2507, T20I\_Runs=2265, IPL\_Runs=4163 WHERE Name\_of\_the\_Player='KL Rahul';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=78, ODI\_Runs=933, T20I\_Runs=686, IPL\_Runs=2324 WHERE Name\_of\_the\_Player='Ishan Kishan';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=305, ODI\_Runs=329, T20I\_Runs=69, IPL\_Runs=286, Test\_Wickets=30, ODI\_Wickets=65, T20I\_Wickets=33, IPL\_Wickets=89 WHERE Name\_of\_the\_Player='Shardul Thakur';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=212, ODI\_Runs=89, T20I\_Runs=8, IPL\_Runs=56, Test\_Wickets=128, ODI\_Wickets=143, T20I\_Wickets=74, IPL\_Wickets=145 WHERE Name\_of\_the\_Player='Jasprit Bumrah';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=94, ODI\_Runs=179, T20I\_Runs=46, IPL\_Runs=136, Test\_Wickets=34, ODI\_Wickets=162, T20I\_Wickets=52, IPL\_Wickets=71 WHERE Name\_of\_the\_Player='Kuldeep Yadav';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=750, ODI\_Runs=212, T20I\_Runs=0, IPL\_Runs=74, Test\_Wickets=229, ODI\_Wickets=180, T20I\_Wickets=24, IPL\_Wickets=127 WHERE Name\_of\_the\_Player='Mohammed Shami';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Test\_Runs=80, ODI\_Runs=37, T20I\_Runs=5, IPL\_Runs=97, Test\_Wickets=59, ODI\_Wickets=60, T20I\_Wickets=11, IPL\_Wickets=78 WHERE Name\_of\_the\_Player='Mohammed Siraj';

# Total International Runs of Batter.

SQL> select (Test\_Runs+ ODI\_Runs+ T20I\_Runs) as International\_Runs from Indian\_Squad\_WC\_2023 WHERE Name\_of\_the\_Player='Rohit Sharma';

SQL> select (Test\_Runs+ ODI\_Runs+ T20I\_Runs) as International\_Runs from Indian\_Squad\_WC\_2023 WHERE Name\_of\_the\_Player='Shubman Gill';

SQL> select (Test\_Runs+ ODI\_Runs+ T20I\_Runs) as International\_Runs from Indian\_Squad\_WC\_2023 WHERE Name\_of\_the\_Player='Virat Kohli';

# Total International Wickets of Bowler.

SQL> select (Test\_Wickets+ ODI\_Wickets + T20I\_Wickets) as International\_Wickets from Indian\_Squad\_WC\_2023 WHERE Name\_of\_the\_Player='Jasprit Bumrah';

SQL> select (Test\_Wickets+ ODI\_Wickets + T20I\_Wickets) as International\_Wickets from Indian\_Squad\_WC\_2023 WHERE Name\_of\_the\_Player='Mohammed Shami';

SQL> select (Test\_Wickets+ ODI\_Wickets + T20I\_Wickets) as International\_Wickets from Indian\_Squad\_WC\_2023 WHERE Name\_of\_the\_Player='Hardik Pandya';

# Adding Columns(Role and Jersey Number) to the TABLE.

SQL> ALTER TABLE Indian\_Squad\_WC\_2023 ADD (Role varchar(18), Jersey\_No Number(3));

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Batter', Jersey\_No=45 WHERE Name\_of\_the\_Player='Rohit Sharma';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Batter', Jersey\_No=18 WHERE Name\_of\_the\_Player='Virat Kohli';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Batter', Jersey\_No=69 WHERE Name\_of\_the\_Player='Suryakumar Yadav';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Batter', Jersey\_No=77 WHERE Name\_of\_the\_Player='Shubman Gill';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Batter', Jersey\_No=96 WHERE Name\_of\_the\_Player='Shreyas Iyer';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Batting Allrounder', Jersey\_No=33 WHERE Name\_of\_the\_Player='Hardik Pandya';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Bowling Allrounder', Jersey\_No=8 WHERE Name\_of\_the\_Player='Ravindra Jadeja';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Bowling Allrounder', Jersey\_No=99 WHERE Name\_of\_the\_Player='Ravichandran Ashwin';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='WK-Batter', Jersey\_No=1 WHERE Name\_of\_the\_Player='KL Rahul';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='WK-Batter', Jersey\_No=32 WHERE Name\_of\_the\_Player='Ishan Kishan';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Bowler', Jersey\_No=93 WHERE Name\_of\_the\_Player='Jasprit Burmah';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Bowler', Jersey\_No=54 WHERE Name\_of\_the\_Player='Shardul Thakur';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Bowler', Jersey\_No=11 WHERE Name\_of\_the\_Player='Mohammed Shami';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Bowler', Jersey\_No=13 WHERE Name\_of\_the\_Player='Mohammed Siraj';

SQL> UPDATE Indian\_Squad\_WC\_2023 SET Role ='Bowler', Jersey\_No=23 WHERE Name\_of\_the\_Player='Kuldeep Yadav';

# Deleting Jersey Number and Role Columns.

SQL> ALTER TABLE Indian\_Squad\_WC\_2023 DROP COLUMN Jersey\_No;

SQL> ALTER TABLE Indian\_Squad\_WC\_2023 DROP COLUMN Role;

#Creating Separate Table for Role and Jersey Number.

#Indian Squad For ICC World Cup 2023.

SQL> CREATE table Indian\_Squad\_WC2023 (Name\_of\_the\_Player varchar(30), Jersey\_No Number(3), Role Varchar(18));

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Rohit Sharma', 45, 'Batter' );

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Virat Kohli', 18, 'Batter' );

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Suryakumar Yadav', 69, 'Batter' );

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Shubman Gill', 77, 'Batter' );

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Shreyas Iyer', 96, 'Batter' );

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Hardik Pandya', 33, 'Batting Allrounder' );

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Ravindra Jadeja', 8, 'Bowling Allrounder' );

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Ravichandran Ashwin', 99, 'Bowling Allrounder');

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('KL Rahul', 1, 'WK-Batter');

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Ishan Kishan', 32, 'WK-Batter');

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Jasprit Bumrah', 93, 'Bowler');

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Shardul Thakur', 54, 'Bowler');

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Mohammed Shami', 11, 'Bowler');

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Mohammed Siraj', 13, 'Bowler');

SQL> INSERT into Indian\_Squad\_WC2023 VALUES ('Kuldeep Yadav', 23, 'Bowler');

SQL> update Indian\_Squad\_WC2023 set Name\_of\_The\_Player='Rohit Sharma (C)' where Jersey\_No=45;

SQL> update Indian\_Squad\_WC2023 set Name\_of\_The\_Player='Hardik Pandya (VC)' where Jersey\_No=33;

SQL>Commit;

#Joining Two Tables.

SQL>SELECT Indian\_Squad\_WC\_2023.Name\_of\_The\_Player, Indian\_Squad\_WC2023.Jersey\_No, Indian\_Squad\_WC2023.Role, (Indian\_Squad\_WC\_2023.No\_of\_Test + Indian\_Squad\_WC\_2023.No\_of\_ODI + Indian\_Squad\_WC\_2023.No\_of\_T20I) AS Total\_Matches FROM Indian\_Squad\_WC\_2023 FULL JOIN Indian\_Squad\_WC2023 on Indian\_Squad\_WC\_2023.Name\_of\_The\_Player = Indian\_Squad\_WC2023.Name\_of\_The\_Player;

#Total Number of matches and Total Runs.

SQL>SELECT SUM (No\_of\_Test + No\_of\_ODI + No\_of\_T20I) AS Total\_Matches, SUM (Test\_Runs+ODI\_Runs+T20I\_Runs) AS Total\_Runs FROM Indian\_Squad\_WC\_2023 WHERE Name\_of\_The\_Player=’Rohit Sharma (C)’;

SQL>SELECT SUM (No\_of\_Test + No\_of\_ODI + No\_of\_T20I) AS Total\_Matches, SUM (Test\_Runs+ODI\_Runs+T20I\_Runs) AS Total\_Runs FROM Indian\_Squad\_WC\_2023 WHERE Name\_of\_The\_Player=’Virat Kohli’;

#Total Number of matches and Total Wickets.

SQL>SELECT SUM (No\_of\_Test + No\_of\_ODI + No\_of\_T20I) AS Total\_Matches, SUM (Test\_Wickets+ODI\_Wickets +T20I\_Wickets) AS Total\_Wickets FROM Indian\_Squad\_WC\_2023 WHERE Name\_of\_The\_Player=’Jasprit Bumrah’;

SQL>SELECT SUM (No\_of\_Test + No\_of\_ODI + No\_of\_T20I) AS Total\_Matches, SUM (Test\_Wickets+ODI\_Wickets +T20I\_Wickets) AS Total\_Wickets FROM Indian\_Squad\_WC\_2023 WHERE Name\_of\_The\_Player=’Mohammed Shami’;