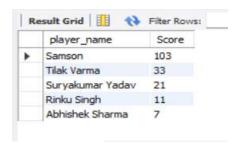
SQL 150 QUESTIONS IND VS SA 1ST T20 PROJECT

SELECT

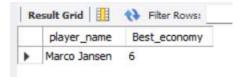
1) Find the top 5 Indian batsmen by runs

select player_name ,Score from india_bat ORDER BY Score DESC LIMIT 5;



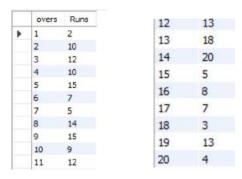
2) Find the South African bowler with the best economy rate

SELECT player_name, Economy as Best_Economy from southafrica_bowl where Economy = (select min(Economy) from southafrica_bowl);



3) Find the total runs scored by India in each over of a specific match

select overs, Runs from innings_over_by_over where Innigs=1;



5) Find the average runs scored by Indian batsmen

```
with AVG as (select avg(Score) as avgindia from india_bat group by Score)

select sum(avgindia) from AVG;

| Kesunt Grid | Hitter N

| Sum(avgindia) | 183.0000
```

6) Find the matches played at a specific venue



7) Find the highest individual score by a South African batsman



8) Find the number of wickets taken by Indian bowlers in a specific match



9) Find the players who scored a century in both teams

```
select Score,player_name from southafrica_bat where Score=100

INTERSECT

select Score,player_name from india_bat where Score=100;
```



10) Find the total extras conceded in a match



INSERT

11) Insert a new match summary



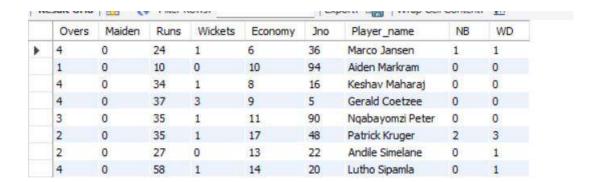
12) Insert a new Indian batsman's performance

```
insert into india_bat values
(18,'RHB',99,45,8,7,200,'not out',null,'Virat kohli');
```

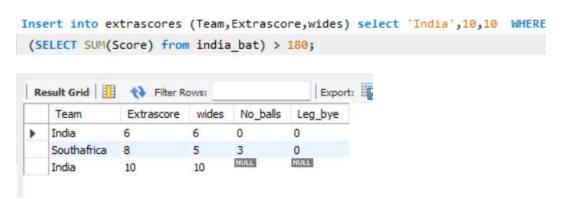
Jno	Batsmen_style	Score	Balls	Fours	Sixes	Strike_rate	wicket_status	Wicketby	player_name
2	LHB	5	4	1	0	125	not out	null	Arshdeep Singh
4	LHB	7	8	1	0	87	out	Gerald Coetzee	Abhishek Sharma
9	LHB	33	18	3	2	183	out	Maharaj	Tilak Varma
14	RHB	103	50	7	10	214	out	Nqabayomzi Peter	Samson
18	RHB	99	45	8	7	200	not out	NULL	Virat kohli
20	LHB	7	7	1	0	100	out	Marco Jansen	Axar Patel
33	RHB	2	6	0	0	33	out	Gerald Coetzee	Hardik Pandya
35	LHB	11	10	2	0	110	out	Gerald Coetzee	Rinku Singh
56	RHB	1	3	0	0	33	Run_out	Klaasen/Marco Jansen	Ravi Bishnoi
63	RHB	21	17	2	1	123	out	Patrick Kruger	Suryakumar Yadav
HULL	HULL	HULL	NULL	NULL	HUEL	HULL	HULL	HULL	NULE

13) Insert a new South African bowler's performance

```
INSERT INTO southafrica_bowl
values(4,0,58,1,14,'Lutho Sipamla',0,1);
```



14) Insert an extra run if the total runs of a team exceed a certain value

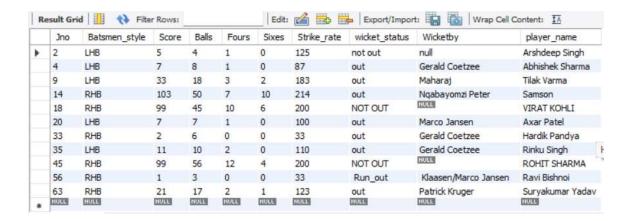


15) Insert a new over-by-over record if a specific over has a high run rate

16) Insert multiple Indian batsmen's performances in a single query

```
Insert into india_bat values(18,'RHB',99,45,10,6,200,'NOT OUT',NULL,'VIRAT KOHLI'),

(45,'RHB',99,56,12,4,200,'NOT OUT',NULL,'ROHIT SHARMA ');
```

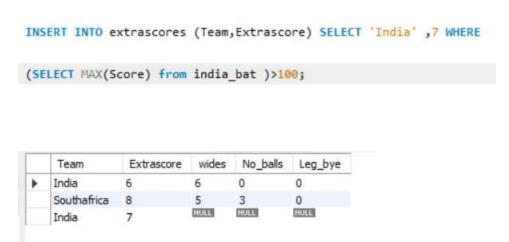


17) Insert a new South African batsman's performance with default values for fours and sixes



INSERT with Subqueries:

18) Insert a new extra run if the highest individual score of an Indian batsman is above a certain value:



UPDATE

19) Updating Match Result

```
UPDATE match_summary set Matchwinner='INDIA';
```

20) Correcting a Batsman's Score

```
UPDATE southafrica_bat SET Score=70 where Jno=45;
```

Jno	Batsmen_style	Score	Balls	Fours	Sixes	Strike_rate	wicket_status	wicketby	player_name
5	RHB	23	11	0	3	203	out	Suryakumar Yadav	Gerald Coetzee
10	LHB	18	22	2	1	81	out	Varun Chakaravarthy	David Miller
16	RHB	5	9	0	0	55	out	Avesh Khan	Keshav Maharaj
22	RHB	6	4	0	1	150	out	Ravi Bishnoi	Andile Simelane
30	RHB	11	11	0	1	100	out	Avesh Khan	Tristan Stubbs
36	RHB	12	8	1	1	150	out	Ravi Bishnoi	Marco Jansen
44	LHB	21	11	3	1	190	out	Varun Chakaravarthy	Ryan Rickelton
45	RHB	70	22	2	1	113	out	Varun Chakaravarthy	Heinrich Klaasen

21) Updating a Bowler's Economy Rate

UPDATE india_bowl SET Economy=5 where Player_name='Hardik Pandya';

Overs	Maiden	Runs	Wickets	Economy	Player_name	Nb	Wd
3	0	25	1	8	Arshdeep Singh	0	3
2	0	28	2	10	Avesh Khan	0	0
3	0	27	0	5	Hardik Pandya	0	2
4	0	25	3	6	Varun Chakaravarthy	0	1
4	0	8	3	7	Ravi Bishnoi	0	0
1	0	8	0	8	Axar patel	0	0

22) Correcting a Ball-by-Ball Detail

UPDATE innings_over_by_over SET Extra_ball1=6 where overs=1 AND Innigs=1;

					-			_						
	overs	B1	B2	В3	B4	B5	B6	Extra_ball1	Extra_ball2	Runs	45	6s	Wickets	Batsman1_name
•	1	1	0	0	1	0	0	6	NULL	2	0	0	0	sanju samson

23) Correcting a Ball-by-Ball Detail

UPDATE innings_over_by_over SET Extra_ball1=2 , B6=6 where overs=2 AND Innigs=1;

	overs	B1	B2	B3	B4	B5	B6	Extra_ball1	Extra_ball2	Runs	45	6s	Wickets	Batsman1_name
١	1	1	0	0	1	0	0	HULL	HULL	2	0	0	0	sanju samson
	2	4	1	0	4	1	6	2	NULL	10	2	0	0	sanju samson
	3	4	6	0	1	1	0	HULL	HULL	12	1	1	0	sanju samson

24) Updating Multiple Columns for a Specific Record



25) Updating Records Using a Subquery:

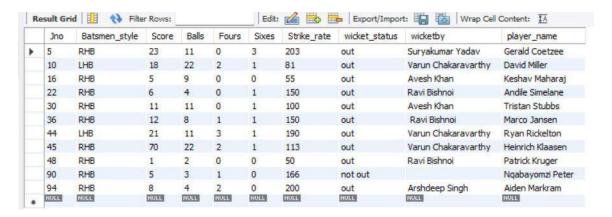
UPDATE match_summary SET Matchwinner=(select Team from extrascores where
Extrascore=(select min(Extrascore) from extrascores));

	player_of_match	Toss	Match_date	Match_venue	Twinner	tchoosen	Matchwinner
•	Sanju Samson	South Africa	2024-11-08 08:30:00	Kingsmead Durban	South Africa	opt to bowl	India

DELETE

26) Deleting a Specific Match Record

DELETE FROM southafrica_bat where Jno=25;



27) Deleting All Records for a Particular Team's Batting Performance



28) Deleting Records for a Specific Bowler

DELETE FROM india bowl WHERE player_name='SHAMI';

BEFORE DELETION:

	Overs	Maiden	Runs	Wickets	Economy	Player_name	Nb	Wd
Þ	3	0	25	1	8	Arshdeep Singh	0	3
	2	0	28	2	10	Avesh Khan	0	0
	3	0	27	0	8	Hardik Pandya	0	2
	4	0	25	3	6	Varun Chakaravarthy	0	1
	4	0	8	3	7	Ravi Bishnoi	0	0
	1	0	8	0	8	Axar patel	0	0
	3	1	23	2	4	SHAMI	0	0

AFTER DELETION:



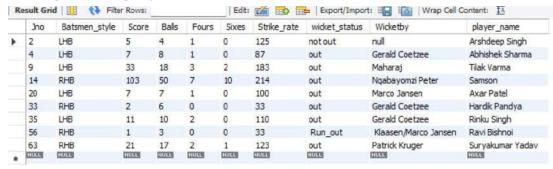
29) Deleting Records Based on a Condition:

DELETE FROM india bat WHERE Score=0;

BEFORE DELETION:



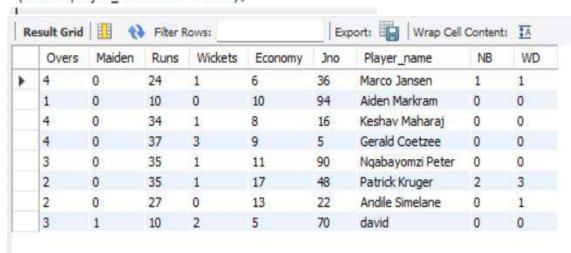
AFTER DELETION:



30) Deleting Records Using a Subquery:

DELETE from southafrica bowl where player name =

(select player name where Jno=70);



AFTER DELETION

Re	esult Grid	111 (Filter F	Rows:		Exp	port: 📳 Wrap Cell	Content:	ĪA
	Overs	Maiden	Runs	Wickets	Economy	Jno	Player_name	NB	WD
•	4	0	24	1	6	36	Marco Jansen	1	1
	1	0	10	0	10	94	Aiden Markram	0	0
	4	0	34	1	8	16	Keshav Maharaj	0	0
	4	0	37	3	9	5	Gerald Coetzee	0	0
	3	0	35	1	11	90	Nqabayomzi Peter	0	0
	2	0	35	1	17	48	Patrick Kruger	2	3
	2	0	27	0	13	22	Andile Simelane	0	1

31) Deleting Records Using a JOIN



CREATE TABLE

32) CREATE TABLES USING NOT NULL , DEFAULT ,CHECK ,PRIMARY KEY,

INDEX, UNIQUE

```
create TABLE umpire( match_no INT PRIMARY KEY,
   umpire1_name varchar(20) NOT NULL,
   umpire2_name varchar(20) NOT NULL,
   up_age1 INT CHECK(up_age1>30),
   up_age2 INT CHECK(up_age1>30),
   umpire1_position varchar(20) UNIQUE,
   umpire2_position varchar(20) UNIQUE
);
```



ALTER TABLE

33) Adding a new column to extrascores.

ALTER TABLE extrascores ADD COLUMN overthrow varchar(20);

	Team	Extrascore	wides	No_balls	Leg_bye	overthrow
٠	India	6	6	0	0	MULL
	Southafrica	8	5	3	0	HULL
	India	7	HULL	HULL	NULL	MULL

34) Adding a column to india_bat to store sixes

ALTER TABLE india_bat ADD COLUMN 6S INT ;

	Jno	Batsmen_style	Score	Balls	Fours	Sixes	Strike_rate	wicket_status	Wicketby	player_name	6S
-	2	LHB	5	4	1	0	125	not out	null	Arshdeep Singh	NULL
	4	LHB	7	8	1	0	87	out	Gerald Coetzee	Abhishek Sharma	HOLD
	9	LHB	33	18	3	2	183	out	Maharaj	Tilak Varma	NOLL
	14	RHB	103	50	7	10	214	out	Ngabayomzi Peter	Samson	EUle
	20	LHB	7	7	1	0	100	out	Marco Jansen	Axar Patel	NUL
	33	RHB	2	6	0	0	33	out	Gerald Coetzee	Hardik Pandya	1500
	35	LHB	11	10	2	0	110	out	Gerald Coetzee	Rinku Singh	NUL
	56	RHB	1	3	0	0	33	Run_out	Klaasen/Marco Jansen	Ravi Bishnoi	HOLE
	63	RHB	21	17	2	1	123	out	Patrick Kruger	Suryakumar Yaday	HULL
	RULL	EUL	NULL	NULL	HULL	NULL	NULL	MULU	RULL	RULL	HULL

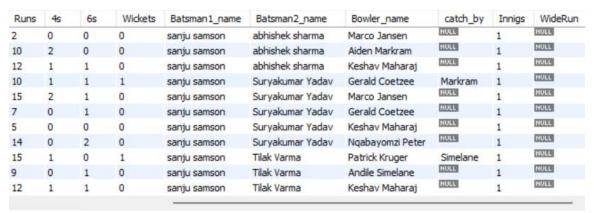
35) Adding a column to southafrica_bowl to store maiden overs

ALTER TABLE southafrica_bowl ADD COLUMN Maiden INT DEFAULT 0;

	Overs	Maiden	Runs	Wickets	Economy	Jno	Player_name	NB	WD
۰	4	0	24	1	6	36	Marco Jansen	1	1
	1	0	10	0	10	94	Aiden Markram	0	0
	4	0	34	1	8	16	Keshav Maharaj	0	0
	4	0	37	3	9	5	Gerald Coetzee	0	0
	3	0	35	1	11	90	Ngabayomzi Peter	0	0
	2	0	35	1	17	48	Patrick Kruger	2	3
	2	0	27	0	13	22	Andile Simelane	0	1

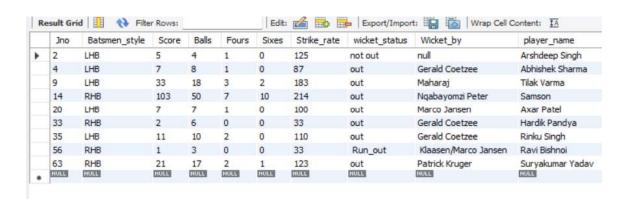
36) Adding a column to innings_over_by_over to store wide runs

ALTER TABLE innings_over_by_over ADD COLUMN WideRun int;



37) Changing the column name in india_bat

ALTER TABLE india bat rename column Wicketby to Wicket by;



38) Changing the data type of a column in extrascores

```
ALTER TABLE extrascores Modify column Leg_bye CHAR(20);
```

Table: extrascores

Columns:

Team varchar(20)
Extrascore int
wides int
No_balls int
Leg_bye char(20)
overthrow varchar(20)

39) Dropping a column from innings_over_by_over:

ALTER TABLE innings_over_by_over drop COLUMN WideRun;

```
Table:
innings_over_by_over
Columns:
  overs
  B1
                        int
  B2
  B3
  B4
B5
B6
Extra_ball1
                        int
int
int
   Extra_ball2
   Runs
   45
                         int
  6s
Wickets
                         int
                        varchar(30)
varchar(20)
varchar(30)
   Batsman1 name
   Batsman2_name
   Bowler_name
  catch_by
Innigs
                         varchar(20)
```

DROP TABLE

40)Dropping the extrascores table

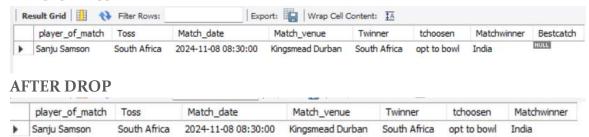
Table: extrascore

Columns:
team varchar(20)
Score int
Wide int

41) Dropping a column from match_summary

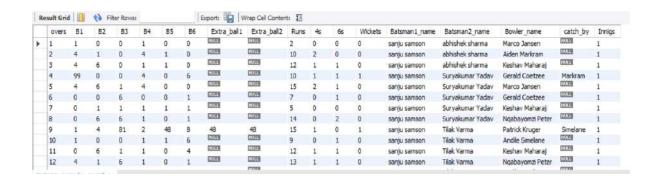
ALTER TABLE match_summary DROP column Bestcatch;

BEFORE DROP



42) Dropping a column from innings_over_by_over

ALTER TABLE innings_over_by_over Drop column 2s;



DROP DATABASE

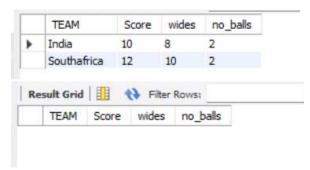
43)Dropp a database

DROP DATABASE 1ST_T20;

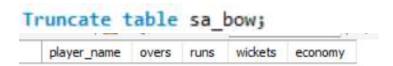
TRUNCATE TABLE

43) Truncating the extrascores table

TRUNCATE TABLE extrascore;

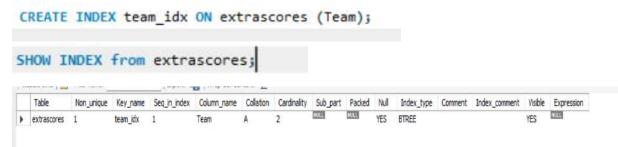


44) Truncating the southafrica_bowl table



CREATE INDEX

45) Index on match_id in extrascores



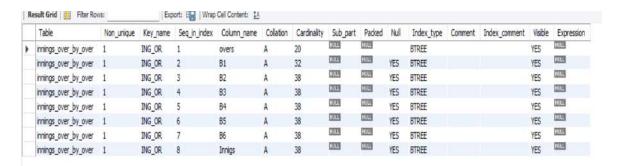
46)Index on batsman_name and match_id in india_bat

CREATE INDEX IB IDX ON india bat(player name, Jno);

Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_comment	Visible	Expression
india bat	0	PRIMARY	1	Jno	A	9	1233	10000		BTREE			YES	DOM:
india bat	1	IB_IDX	1	player_name	A	9	E2523	DUCK!		BTREE			YES	PERSONAL PROPERTY.
india bat		IB_IDX	2	Jno	A	9	12000	00000		BTREE			YES	ESSESSION

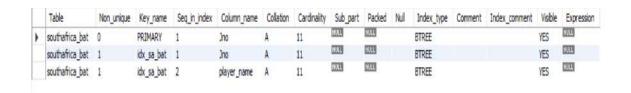
- 47) Index on bowler_name and match_id in india_bowl CREATE INDEX IB IDX on india bowl (player_name,Overs);
- 48) Index on match_id, over_num, and ball_num in innings_over_by_over:

CREATE INDEX ING_OR ON innings_over_by_over (overs,B1,B2,B3,B4,B5,B6,Innigs);



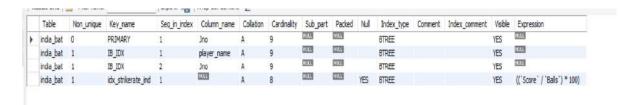
49) Index on match_id and batsman_name in southafrica_bat

create INDEX idx sa bat ON southafrica bat (Jno,player name);



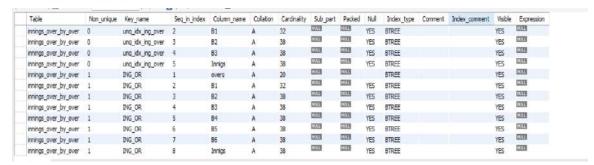
50) Index on a calculated column in india_bat

CREATE INDEX idx_strikerate_ind ON india_bat(((Score/Balls)*100));



51) Unique index on innings and over_num and ball_num in innings_over_by_over

CREATE UNIQUE INDEX unq_idx_ing_over ON innings_over_by_over (overs,B1,B2,B3,Innigs);



DROP INDEX

52) Drop the index on match_id in extrascores

ALTER TABLE extrascores DROP INDEX team idx;

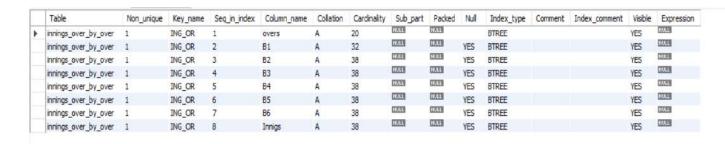


53) Drop the index on match_id and batsman_name in southafrica_bat

```
ALTER TABLE southafrica_bat DROP INDEX idx_sa_bat ;
```

54) Drop the unique index on match_id, over_num, and ball_num in innings_over_by_over:

ALTER TABLE innings_over_by_over DROP INDEX unq_idx_ing_over ;



INNER JOIN

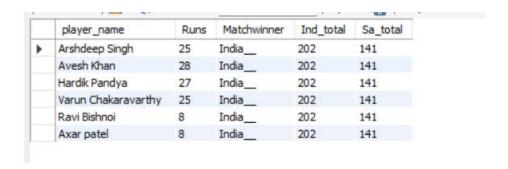
55) Joining extrascores and match_summary

SELECT * from extrascore es INNER JOIN match_summary ms ON es.Matchid=ms.Matchid;



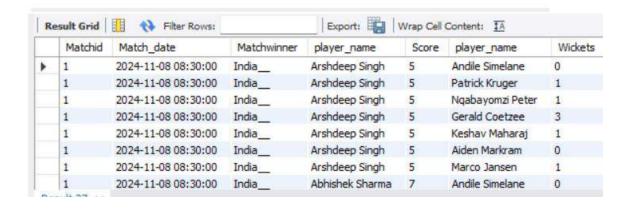
56) Joining multiple tables to get detailed match information:

SELECT ibo.player_name , ibo.Runs ,ms.Matchwinner , ms.Ind_total ,ms.Sa_total FROM india_bowl ibo INNER JOIN
match summary ms ON ibo.Matchid=ms.Matchid;



57) Joining tables to analyze team performance over time:

```
SELECT ms.Matchid , ms.Match_date ,ms.Matchwinner ,
    ib.player_name ,ib.Score,
    sb.player_name , sb.Wickets
    FROM match_summary ms
    INNER JOIN india_bat ib ON ms.Matchid=ib.Matchid
    INNER JOIN southafrica_bowl sb ON ms.Matchid=sb.Matchid;
```

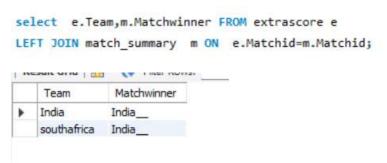


58) Joining tables to analyze match outcomes based on specific conditions

```
SELECT ms.Match_date ,
       SUM( CASE
                WHEN i.Innigs=1 THEN i.Runs
                 ELSE 0
                  END ) as india_total ,
        SUM(CASE
               WHEN i.Innigs=2 THEN i.Runs
                ELSE 0
                 END ) as sa total
       from match_summary ms
        INNER JOIN innings_over_by_over i ON ms.Matchid = i.Matchid
        group by
        ms.Match_date;
 Meanir Alina | 100 (A line) 1/0/131
     Match_date india_total sa_total
    2024-11-08 08:30:00 202 161
```

LEFT JOIN

- 59) Joining extrascores with match_summary
- 6o) Joining Extrascore with match_summary



61) Joining india_bat with match_summary

select ib.player_name,ib.Score, ib.Sixes,ib.Fours ,ms.Matchwinner from india_bat ib
LEFT JOIN match summary ms ON ib.Matchid=ms.Matchid;



62) Joining multiple tables to get detailed match information:

SELECT ms.Matchid,ms.Match_date,ms.Match_venue ,es.Team,es.Extrascore FROM match_summary ms LEFT JOIN extrascore es ON ms.Matchid=es.Matchid;

	Matchid	Match_date	Match_venue	Team	Extrascore
Þ	1	2024-11-08 08:30:00	Kingsmead Durban	southafrica	8
	1	2024-11-08 08:30:00	Kingsmead Durban	India	6

- 63) Finding matches where India's highest scorer scored more than 100 runs:
- 64) Finding matches where India's economy rate was better than South Africa's:

RIGHT JOIN

65) All South Africa bowlers and their corresponding match details:

```
SELECT sb.player_name , ms.Match_date ,ms.Match_venue FROM southafrica_bowl sb RIGHT JOIN match_summary ms ON sb.Matchid=ms.Matchid ;
```

	player_name	Match_date	Match_venue
•	Aiden Markram	2024-11-08 08:30:00	Kingsmead Durban
	Andile Simelane	2024-11-08 08:30:00	Kingsmead Durban
	Gerald Coetzee	2024-11-08 08:30:00	Kingsmead Durban
	Keshav Maharaj	2024-11-08 08:30:00	Kingsmead Durban
	Marco Jansen	2024-11-08 08:30:00	Kingsmead Durban
	Ngabayomzi Peter	2024-11-08 08:30:00	Kingsmead Durban
	Patrick Kruger	2024-11-08 08:30:00	Kingsmead Durban

66)All matches and their corresponding India and South Africa bowling details:

```
select * from innings_over_by_over;
select iob.overs,iob.Runs,ms.Match_venue from
innings_over_by_over iob
    RIGHT JOIN match_summary ms ON iob.matchid=ms.matchid ORDER BY RUNS LIMIT 5;
```

	overs	Runs	Match_venue
٠	11	1	Kingsmead Durban
	10	2	Kingsmead Durban
	1	2	Kingsmead Durban
	5	3	Kingsmead Durban
	18	3	Kingsmead Durban

FULL OUTER JOIN

- 67) Compare Indian and South African batsman performances for a specific match:
- 68) Combine batting, bowling, and match summary data:

 SELECT ib.batsman_name, ib.runs_scored, ib.balls_faced,
 ibw.wickets_taken, ibw.economy_rate,
 ms.match_result
 FROM india_bat ib

FULL OUTER JOIN india_bowl ibw ON ib.match_id = ibw.match_id AND ib.batsman_name = ibw.bowler_name

FULL OUTER JOIN match_summary ms ON ib.match_id = ms.match_id;

UNION

71)Combining Indian and South African Batsmen



72Combining over-by-over runs with total match runs:

```
SELECT overs, Runs as over_runs from innings_over_by_over
UNION
SELECT Ind_total, Sa_total from match_summary;
```

			overs	over_runs
	overs	over_runs	18	3
٠	1	2	19	13
	2	10	20	4
	3	12	1	9
	4	10	2	9
	5	15	3	9
	6	7	4	13
	7	5	5	3
	8	14	6	5
	9	15	7	9
	10	9	8	10
	11	12	9	8
	12	13	10	2
	13	18	11	1
	14	20	12	8
	15	5	13	6
	16	8	14	8
	17	7	15	13
	18	3	16	15
	19	13	17	6
	20	4	18	6
	1	9	202	141

UNION ALL

73Combining Batting Records of Both Teams

```
select player_name,Score from india_bat
UNION ALL
select player_name,Score from southafrica_bat ORDER BY Score desc;
```

	player_name	Score		
•	Samson	103		
1	Heinrich Klaasen	70		
	Tilak Varma	33		
	Gerald Coetzee	23		
1	Suryakumar Yadav	21		
1	Ryan Rickelton	21		
1	David Miller	18	Andile Simelane	6
1	Marco Jansen	12	Arshdeep Singh	5
1	Rinku Singh	11	Keshav Maharaj	5
	Tristan Stubbs	11	Ngabayomzi Peter	5
	Aiden Markram	8	Hardik Pandya	2
	Abhishek Sharma	7	Ravi Bishnoi	1
	Axar Patel	7	Patrick Kruger	1

74)Combining Bowling Records of Both Teams:

```
select player_name,Wickets from india_bowl
UNION ALL
SELECT player_name ,Wickets from southafrica_bowl order by Wickets DESC;
```

	player_name	Wickets
•	Varun Chakaravarthy	3
	Ravi Bishnoi	3
	Gerald Coetzee	3
	Avesh Khan	2
	Arshdeep Singh	1
	Marco Jansen	1
	Keshav Maharaj	1
	Ngabayomzi Peter	1
	Patrick Kruger	1
	Hardik Pandya	0
	Axar patel	0
	Aiden Markram	0
	Andile Simelane	0

75)combining Player Names from Both Teams:

```
select player_name from india_bat
 UNION ALL
 select player_name from southafrica_bat ORDER BY player_name;
    player_name
    Abhishek Sharma
    Aiden Markram
    Andile Simelane
    Arshdeep Singh
    Axar Patel
    David Miller
                              Ravi Bishnoi
    Gerald Coetzee
                              Rinku Singh
    Hardik Pandya
                              Ryan Rickelton
    Heinrich Klaasen
                              Samson
    Keshav Maharaj
                              Suryakumar Yadav
    Marco Jansen
                               Tilak Varma
    Ngabayomzi Peter
                              Tristan Stubbs
   Patrick Kruger
```

76Combining Batting and Bowling Records for a Specific Player

```
select player_name ,Score as 'score/wick' from india_bat ibat
UNION ALL
select player_name ,Wickets from india_bowl ibowl;
```

	player_name	score/wick
Þ	Arshdeep Singh	5
	Abhishek Sharma	7
	Tilak Varma	33
	Samson	103
	Axar Patel	7
	Hardik Pandya	2
	Rinku Singh	11
	Ravi Bishnoi	1
	Suryakumar Yadav	21
	Arshdeep Singh	1
	Avesh Khan	2
	Hardik Pandya	0
	Varun Chakaravar	3
	Ravi Bishnoi	3
	Axar patel	0

77) Combining Data from Multiple Tables with Different Column Names:

```
select player_name from india_bat
UNION ALL
select player_name from southafrica_bat
UNION ALL
select Match_venue from match_summary;
```



Heinrich Klaasen Patrick Kruger Nqabayomzi Peter Aiden Markram Kingsmead Durban

DISTINCT

78) Unique Batsmen for India:

select DISTINCT player_name from india_bat;



79) Unique Bowlers for South Africa:

select DISTINCT player_name from southafrica_bowl;

8o)Unique Toss Winners:

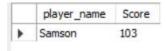
select DISTINCT TWINNER FROM match_summary;



WHERE

81) Find Indian batsmen who scored more than 100 runs in a match:

Select player_name, Score from india_bat where Score>100;



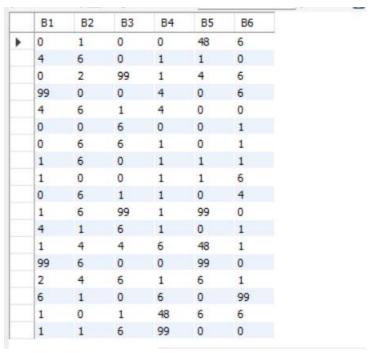
82) Find South African bowlers who took more than 5 wickets in a match:



SELECT player_name, Wickets from southafrica_bowl where Wickets>2;

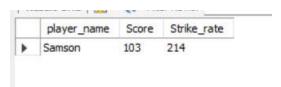
83) Find balls that resulted in a six:

select B1,B2,B3,B4,B5,B6 FROM innings_over_by_over where B1=6 OR B2=6 OR B3=6 OR B4=6 OR B5=6 OR B6=6;



84) Find Indian batsmen who scored a century and had a strike rate greater than 100:

Select player_name, Score, Strike_rate from india_bat where Score>=100 AND Strike_rate>100;



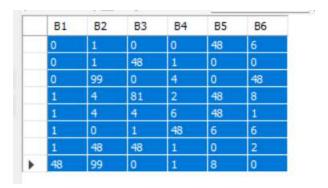
85) Find South African bowlers who took a 5-wicket haul and had an economy rate less than 4:

SELECT player_name, Wickets, Economy from southafrica_bowl where Wickets=5 AND Economy<4;



86) Find balls that were either a wide or a no-ball:

```
select B1,B2,B3,B4,B5,B6 FROM innings_over_by_over where B1=48 OR B1=8 OR
B2=48 OR B2=8 OR
B3=48 OR B3=8 OR
B4=48 OR B4=8 OR
B5=48 OR B5=8 OR
B6=48 or B5=8;
```



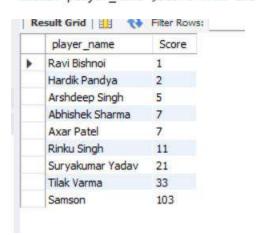
ORDER BY

87) Order extrascores by match_date in descending order:



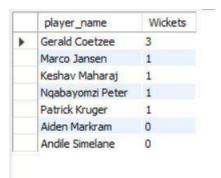
88)Order india_bat by runs_scored in ascending order:

SELECT player_name ,Score from india_bat order by Score;



89)Order southafrica_bowl by wickets_taken in descending order:

SELECT player_name, Wickets from southafrica_bowl ORDER BY Wickets DESC;



90) Order india_bat by runs_scored in descending order, and then by strike_rate in ascending order:

```
SELECT player_name, Score, Strike_rate from india_bat OrDER BY Score DESC, Strike_rate ASC;
```

91) Get the 6th to 10th highest wicket-takers from southafrica_bowl:

	Player_name	Wickets
٠	Marco Jansen	1
	Keshav Maharaj	1
	Nqabayomzi Peter	1
	Patrick Kruger	1

92) Order match_summary by match result, prioritizing 'India won' first:

```
SELECT * FROM match_summary ORDER BY CASE

WHEN Matchwinner='India' THEN 1

ELSE 2

END;

player_of_match Toss Match_date Match_venue Twinner tchoosen Matchwinner Ind_total Sa_total

> Sanju Samson South Africa 2024-11-08 08:30:00 Kingsmead Durban South Africa opt to bowl India 202 141
```

GROUP BY

93) Group Indian batsmen by their average runs per innings in india_bat

SELECT AVG(Score) as avg_scr from india_bat GROUP BY Score;



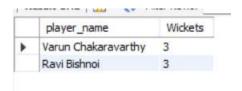
94) Group South African bowlers by the number of wickets taken in southafrica_bowl:



95) Group Indian batsmen by their average runs and strike rate in india_bat:

HAVING

96) Find bowlers who took more than 2 wickets in a match: select player_name, Wickets from india_bowl HAVING Wickets>2;



97) Find the bowlers with the best economy rate in each match

COUNT

98) Count the number of Indian batsmen who scored more than 50 runs in a match:

99) Count the total number of balls bowled in a specific match:

```
SELECT COUNT(B1) + COUNT(B2) + COUNT(B3)+COUNT(B4) +COUNT(B5)+COUNT(B6)+

COUNT(Extra_ball1) +COUNT(Extra_ball2) as total_balls

from innings_over_by_over WHERE

B1 IS NOT NULL

OR B2 IS NOT NULL

OR B3 IS NOT NULL

OR B4 IS NOT NULL

OR B5 IS NOT NULL

OR B6 IS NOT NULL

OR Extra_ball1 IS NOT NULL

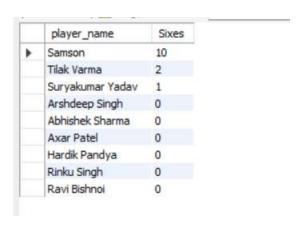
OR Extra_ball2 IS NOT NULL

i total_balls
```

	total_balls
١	238

100) Count the number of sixes hit by each Indian batsman:

SELECT player_name ,Sixes from india_bat ORDER BY Sixes desc;



SUM

101) Total runs scored by India:

select sum(Runs) as total_score from innings_over_by_over where Innigs=1;

total_score
202

102) Total wickets taken by South Africa:

select sum(Wickets) as total_sa_wks from innings_over_by_over where Innigs=1;

	total_sa_wks
١	8

103) Total runs scored by each Indian batsman in a match:

select player_name, Score from india_bat order by Score DESC;

	player_name	Score
٠	Samson	103
	Tilak Varma	33
	Suryakumar Yadav	21
	Rinku Singh	11
	Abhishek Sharma	7
	Axar Patel	7
	Arshdeep Singh	5
	Hardik Pandya	2
	Ravi Bishnoi	1

104) Total wickets taken by each South African bowler in a series:

select Wickets ,player_name from southafrica_bowl order by Wickets desc;

	Wickets	player_name
١	3	Gerald Coetzee
	1	Marco Jansen
	1	Keshav Maharaj
	1	Ngabayomzi Peter
	1	Patrick Kruger
	0	Aiden Markram
	0	Andile Simelane

105) Batsmen who scored more than 100 runs in a match:

SELECT player_name , sum(Score) from india_bat where Score >=100 GROUP BY player_name;

	player_name	sum(Score)
•	Samson	103

AVG

106) Average runs scored by Indian batsmen in a match:

```
SELECT AVG(Score) as avg_ind_score from india_bat;
```

	avg_ind_score
١	21.1111

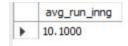
107) Average economy rate of South African bowlers:

```
select AVG(Economy ) as sa_bowleco_avg from southafrica_bowl;
```

	sa_bowleco_avg
•	10.5714

108) Average runs scored per over in an innings:

SELECT AVG(Runs) as avg_run_inng from innings_over_by_over where Innigs=1;



109) Find batsmen with an average score greater than 50



110) Find bowlers with an average economy rate less than 8:

SELECT player_name ,avg(Economy) as avg_bw_eco from india_bowl GROUP BY player_name HAVING avg_bw_eco <8;

select player_name ,AVG(Score) as avg_score from india_bat GROUP BY player_name HAVING avg_score>50 ;

	player_name	avg_bw_eco
٠	Ravi Bishnoi	7.0000
	Varun Chakaravarthy	6.0000

MIN

111) Find the minimum runs scored by an Indian batsman in a match

```
SELECT player_name , Min(Score) as min_score from india_bat group by player_name ORDER BY min_score LIMIT 1;
```

```
player_name min_score

Ravi Bishnoi 1
```

Find the minimum economy rate of a South African bowler in a match:

```
select player_name ,MIN(Economy) as min_eco from southafrica_bowl group by player_name Order by min_eco LIMIT 1;

| player_name | min_eco |
| Marco Jansen 6
```

- Find the minimum number of balls bowled in an over:
- 114) Find the batsmen who scored less than 10 runs in all their innings

```
SELECT player_name ,min(Score) from southafrica_bat where Score<=10 GROUP BY player_name ;
```

115) Find the minimum runs scored by the batsman with the highest strike rate

MAX

116) Maximum number of runs scored in an over:

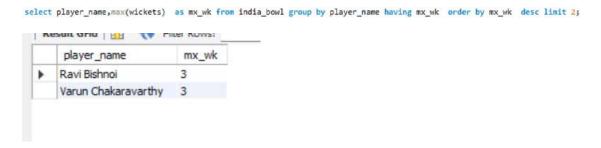
```
select max(Runs) from innings_over_by_over;

| max(Runs) |
| ≥ 20
```

117) Maximum runs scored by each Indian batsman:

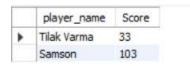
	max(Score)	player_name
١	7	Abhishek Sharma
	5	Arshdeep Singh
	7	Axar Patel
	2	Hardik Pandya
	1	Ravi Bishnoi
	11	Rinku Singh
	103	Samson
	21	Suryakumar Yadav
	33	Tilak Varma

Bowlers with more than 5 wickets in a match:



BETWEEN

119) Batsmen who scored between 50 and 100 runs:
select player_name ,Score from india_bat where Score between 30 and 105;



Bowlers who took between 2 and 3 wickets

select player_name, Wickets from india_bowl where Wickets between 2 and 3;

player_name Wickets

	player_name	Wickets
٠	Avesh Khan	2
	Varun Chakaravarthy	3
	Ravi Bishnoi	3

Overs with runs scored between 10 and 15

select overs, Runs from innings_over_by_over where Runs between 10 and 15;

	overs	Runs
•	2	10
	3	12
	4	10
	5	15
	8	14
	9	15
	11	12
	12	13
	19	13
	4	13
	8	10
	15	13
	16	15

LIKE

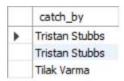
122) Player Name Search:

• Find all players whose names start with the letter 'S' in any of the batting or bowling tables.



123) Wicket Kind Search:

• Find all wickets taken by bowlers where the wicket kind is 'catchby' and starts with 'T'.



select catch_by from innings_over_by_over where catch_by LIKE 'T%';

124) Batsman Name Search:

• Find all innings where the batsman's name ends with 'Sharma'.



125) Bowler Name Search:

• Find all bowlers whose names start with 'A' and end with 'h'.

```
select Bowler_name from innings_over_by_over where Bowler_name like 'A%h';

Bowler_name
Arshdeep Singh
```

IN

126) Identify overs where India scored 15 or more runs in the innings_over_by_over table:

127) List bowlers from South Africa who took 2 or more wickets in a match:

```
player_name

player_name

Gerald Coetzee
```

NOT

128) Find all Indian batsmen who did NOT score a century

```
select player_name, Score from india_bat where NOT Score>100;
```

	player_name	Score
٠	Arshdeep Singh	5
	Abhishek Sharma	7
	Tilak Varma	33
	Axar Patel	7
	Hardik Pandya	2
	Rinku Singh	11
	Ravi Bishnoi	1
	Suryakumar Yadav	21

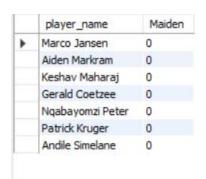
129) Find all Indian bowlers who did NOT take a wicket in the match

select player_name, Wickets from india_bowl where Not Wickets >=1;

	player_name	Wickets
•	Hardik Pandya	0
	Axar patel	0

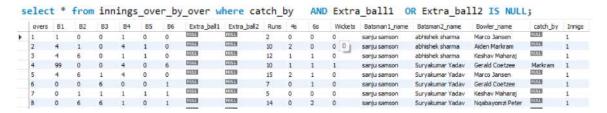
130) Find all South African bowlers who did NOT bowl a maiden over

select player_name, Maiden from southafrica_bowl where NOT Maiden>1;



IS NULL

131) Check for incomplete innings data



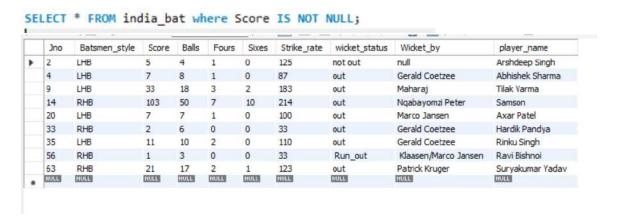
132) Find Indian bowlers with no wickets taken in a specific match

select player_name , Wickets from india_bowl where Wickets IS NULL;

player_name | Wickets

IS NOT NULL

133) Find Indian Batsmen with Non-Zero Scores



134) List South African Bowlers with an Economy Rate Less Than 9 and Non-Zero Overs Bowled:



CASE

135) identify players with exceptional performances:

```
-- 135
 select * from india bat;
 SELECT player_name,
CASE
     WHEN Score>100 THEN 'Century'
     when Score > 50 THEN 'Half-century'
     ELSE 'Normal Innings'
END AS performance category
 from india_bat
 UNION ALL
 select player_name ,
CASE
   WHEN Wickets>5 THEn 'Five-wickets haul'
   WHEN Wickets>3 THEn 'Three-wickets haul'
   ELSE 'Normal bowling'
END AS performance category
 FROM india_bowl;
```



136) Classify overs based on runs scored:

```
-- 136
select * from innings_over_by_over;

select overs ,

CASE

WHEN Runs>10 THEN 'Productive over'
WHEN Runs<5 THEN 'Economical over'
ELSE 'Normal over'

END AS over_category
from Innings_over_by_over where innigs=1;
```

	overs	over_category
٠	1	Economical over
	2	Normal over
	3	Productive over
	4	Normal over
	5	Productive over
	6	Normal over
	7	Normal over
	8	Productive over
	9	Productive over
	10	Normal over
	11	Productive over
	12	Productive over
	13	Productive over
	14	Productive over
	15	Normal over
	16	Normal over

17	Normal over
18	Economical over
19	Productive over
20	Economical over

EXISTS

137) Are there any matches where India had a bowler who took a 5-wicket haul and South Africa had a batsman who scored a century?

ANY/SOME

138)identify matches where any Indian bowler took more wickets than the highest wicket-taker for South Africa



139) Identify matches where any Indian bowler had a better economy rate than the best South African bowler

REVOKE

- 140) Revoke SELECT Privilege:
- 141) Revoke DELETE Privilege:

TRIGGERS

- 142) Trigger Creation and Modification:
 - Question: How can I create a new trigger on the match_summary table to automatically update the match winner column based on the final scores?

```
delimiter $$
CREATE TRIGGER update_score AFTER UPDATE ON innings_over_by_over
FOR EACH ROW
BEGIN
DECLARE var_indscore INT ;
declare var sascore INT;
SELECT SUM(Runs) INTO var_indscore from innings_over_by_over where Innigs=1;
SELECT SUM(Runs) INTO var_sascore from innings_over_by_over where Innigs=2;
IF var indscore > var sascore THEN
UPDATE match_summary set Matchwinner='India_' WHERE Toss='South Africa' ;
ELSE
UPDATE match_summary set Matchwinner='Southafrica' WHERE Toss='South Africa';
END IF;
END
Delimiter $;
update
          innings_over_by_over set Runs=70 where overs=18 AND Innigs=2;
     Matchwinner
   Southafrica
```

 Question: How can I modify an existing trigger on the india_bat table to also log the time of the update in a separate audit table?

```
-- -- TRIGGER 142
  DELIMITER $$
 CREATE TRIGGER audit_inbat AFTER INSERT ON india_bat
   for each ROW
   BEGIN
   DECLARE VAR_TIME DATETIME;
   DECLARE VAR COL VARCHAR(20);
  SELECT NOW() INTO VAR TIME ;
  SELECT min(player_name) INTO VAR_COL FROM india bat ;
  insert into audit_table_indbat VALUES(1 , VAR_TIME, VAR_COL);
  END;
 delimiter;
INSERT INTO india bat VALUES(22, 'rhn', 33, 33, 33, 33, 33, 'not out', null, 'shashi');
select * from audit table indbat;
     sno Time_of_up updated_col
          21:34:52 Abhishek Sharma
 1
```

143) Trigger Functionality and Logic:

 Question: How can I write a trigger on the innings_over_by_over table to calculate the current run rate after each over and update the current run rate column?

```
DELIMITER $$
 CREATE TRIGGER RUN CALC AFTER INSERT ON innings over by over
 FOR EACH ROW
BEGIN
      DECLARE var_total_run INT;
      DECLARE var_total_over INT;
      DECLARE var_total_rate FLOAT;
      SELECT MAX(overs) INTO var total over
      FROM innings over by over
      WHERE Innigs = 2;
      SELECT Runs INTO var total run
      FROM innings over by over
      WHERE Innigs = 2 AND overs = var total over;
      SET var total rate = var total run / var total over;
      UPDATE match summary
      SET run rate = var total rate
      WHERE Toss='South Africa';
- ENDSS
 DELIMITER ;
12 • INSERT INTO innings_over_by_over values (19,1,2,3,4,5,6,null,null,21,2,2,0,'ram','sita','sirii',null,2,null);
13
14 • select * from match_summary;
| Export: | Wrap Cell Content: To
                                           Twinner
                                 Match_venue
                                                    tchoosen Matchwinner Ind_total Sa_total run_rate
Sanju Samson South Africa 2024-11-08 08:30:00 Kingsmead Durban South Africa opt to bowl India_
                                                                     202
                                                                           141
```

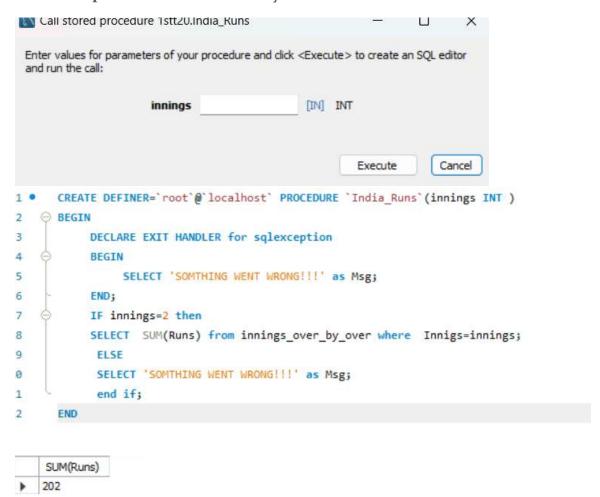
 Question: How can I create a trigger on the extrascores table to ensure that the total extra runs do not exceed a certain limit and throw an error if it does?

```
-- 143-b
Delimiter $$
create TRIGGER xtra_score_limit AFTER INSERT ON
extrascores FOR EACH ROW
BEGIN
DECLARE VAR_ind_extrascore INT;
DECLARE VAR sa extrascore INT;
SELECT Extrascore INTO VAR_ind_extrascore FROM extrascore where Team='India';
SELECT Extrascore INTO VAR_sa_extrascore FROM extrascore where Teaam='Southafrica';
   WHEN Var_ind_extrascore >10 THEN
    update match_summary SET extrascore_status='INDIA ESCORE MAX';
   WHEN Var_sa_extrascore >10 THEN
   update match_summary SET extrascore_status='SA ESCORE MAX';
   WHEN Var_ind_extrascore <10 OR Var_sa_extrascore <10 THEN
   update match_summary SET extrascore_status='WITHIN LIMIT';
   ELSE
   update match_summary SET extrascore_status='NO CHANGE';
END CASE;
END SS
DELIMITER $
                                   Export: Wrap Cell Content: TA
tch date
               Match_venue
                                               Matchwinner Ind_total
                            Twinner
                                      tchoosen
                                                                Sa total
                                                                       run rate
                                                                               extrascore status
4-11-08 08:30:00 Kingsmead Durban South Africa opt to bowl India_
                                                        202
                                                                       1.10526
                                                                              WITHINLIMIT
```

STORED PROCEDURES

144) Calculate Total Runs Scored by India in a Match:

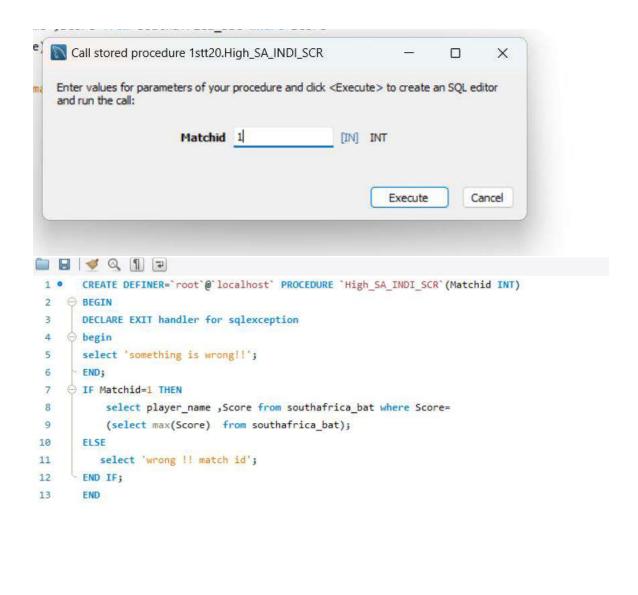
- Input: Innings
- Output: Total runs scored by India



145) Find the Highest Individual Score by a South African Batsman:

• Input: Matchid

• Output: Highest individual score and the batsman's name



146) Find the Over-Wise Run-Rate of a Specific Innings:

• Input: Innings ID

Score

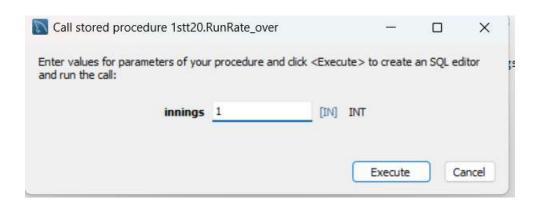
23

player_name

Gerald Coetzee

• Output: Run-rate for each over of the innings

```
1 • CREATE DEFINER=`root`@`localhost` PROCEDURE `RunRate_over` (innings INT)
         DECLARE CONTINUE HANDLER FOR sqlexception
  3
           SELECT " ERROR OCCORED AND CONTINUED" ;
  5
  6
  7
     CASE
  8
          WHEN innings=1 THEN
  9
          select overs, Runs/overs AS current_rr from innings_over_by_over where innigs=innings;
 10
          WHEN innings=2 THEN
 11
            select overs, Runs/overs AS current_rr from innings_over_by_over where innigs=innings;
          ELSE
 12
          SELECT 'SOMthing went wrong!!';
 13
 14
     END CASE;
     END
 15
```



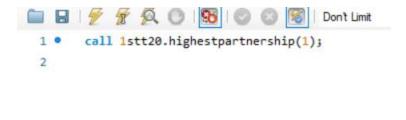


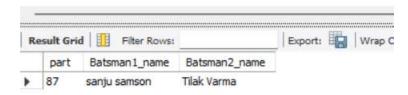
147) Find the Highest Partnership in a Match:

• Input: Match ID

• Output: Highest partnership and the names of the batsmen involved

```
1 • CREATE DEFINER='root'@'localhost' PROCEDURE 'highestpartnership'( Inning INT)
 2 G BEGIN
 3
       declare part1 INT;
 4
       declare part2 INT;
 5
       declare part3 INT:
       declare part4 INT;
 7
       declare part5 INT:
 8
       declare part1_sa INT;
       declare part2_sa INT;
10
       declare part3_sa INT;
 11
       declare part4_sa INT;
 12
       declare part5_sa INT;
13
14
       select sum(Runs) INTO part1 from innings_over_by_over where Batsman1_name='sanju samson' AND Batsman2_name='abhishek sharma';
15
16
       select sum(Runs) INTO part2 from innings_over_by_over_where Batsman1_name='sanju samson' AND Batsman2_name='Suryakumar Yadav';
 17
18
        -- part3
 19
        select sum(Runs) INTO part3 from innings_over_by_over where Batsmanl_name='sanju samson' AND Batsmanl_name='Tilak Varma';
 20
 21
        select sum(Runs) INTO part4 from innings_over_by_over where Batsman1_name='sanju samson' AND Batsman2_name='Hardik Pandya';
22
        -- part5
 23
       select sum(Runs) INTO part5 from innings_over_by_over where Batsman1_name='Rinku Singh' AND Batsman2_name='Hardik Pandya';
 24
select sum(Runs) into parti_sa from innings_over_by_over_where Batsmanl_name='Triston Stubbs' AND Batsman2_name='Ryan Rickelton';
27
       -- part2 13
28
      select sum(Runs) into part2_sa from innings_over_by_over where Batsman1_name-'Heinrich Klassen' AND Batsman2_name-'Ryan Rickelton';
29
31
       select sum(Runs) into part3_sa from innings_over_by_over where Batsman1_name='Heinrich Klaasen' AND Batsman2_name='David Miller';
32
       -- part 4 14
33
      select sum(Runs) into part4_sa from innings_over_by_over where Batsman1_name='Gerald Coetzee' AND Batsman2_name='Marco Jansen';
34
       select sum(Runs) into part5_sa from innings_over_by_over where Batsman1_name='Gerald Coetzee' AND Batsman2_name='Keshav Maharaj';
36
37
    O CASE
38
       WHEN Inning = 1 THEN
39
       SELECT part,Batsman1_name,Batsman2_name from max_part_ind where part=(SELECT mox(part) from max_part_ind);
41
       when Inning = 2 THEN
42
43
44
       SELECT part,Batsman1_name,Batsman2_name from max_part_sa where part=(SELECT max(part) from max_part_sa);
45
       select 'something went wrong!!!';
46
47
48
       END CASE;
49
       END
```





FUNCTIONS

148) Aggregate Functions:

- What is the total number of runs scored by India in all matches?
- What is the average economy rate of South African bowlers?
- What is the highest individual score by an Indian batsman?
- What is the lowest individual score by a South African batsman?

149) Mathematical Functions:

- Calculate the run rate for each Indian innings.
- Calculate the strike rate for each South African batsman.
- Calculate the percentage of extras in each match.

150) Ranking Functions:

- a) Rank the Indian batsmen by their total runs scored in descending order.
- b) Rank the South African bowlers by their economy rate in ascending order.

```
-- 150 A

SELECT * FROM india_bat;

SELECT player_name ,

RANK() OVER (order by Score desc) as player_rank
from india_bat ORDER BY player_rank;
```

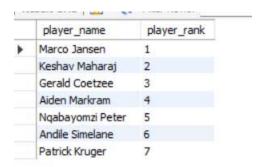
	player_name	player_rank
۰	Samson	1
	Tilak Varma	2
	shashi	2
	Suryakumar Yadav	4
	Rinku Singh	5
	Abhishek Sharma	6
	Axar Patel	6
	Arshdeep Singh	8
	Hardik Pandya	9
	Ravi Bishnoi	10

```
-- 150 b

SELECT * FROM southafrica_bowl;

SELECT player_name ,

RANK() OVER (order by Economy asc) as player_rank
from southafrica_bowl ORDER BY player_rank;
```



DATABASES: 1stt20

TABLES: INNINGS_OVER_BY_OVER

	overs	B1	B2	B3	B4	B5	B6	Extra ball1	Extra ball2	Runs	45	6s	Wickets	Batsman1 name	Batsman2 name	Bowler_name	catch by	Innias
	1	1	0	0	1	0	0	HULL	HULL	2	0	0	0	saniu samson	abhishek sharma	Marco Jansen	HULL	1
	2	4	1	0	4	1	0	HULL	MULL	10	2	0	0	sanju samson	abhishek sharma	Aiden Markram	NULL	1
	3	4	6	0	1	1	0	NULL	HULL	12	1	1	0	sanju samson	abhishek sharma	Keshav Maharai	HULL	1
	4	99	0	0	4	0	6	HULL	HULL	10	1	1	1	Contract Con	Survakumar Yadav	Gerald Coetzee	Markram	1
	5	4	6	1	4	0	0	HULL	HULL	15	2	1	0	sanju samson	Survakumar Yadav	Marco Jansen	HULL!	1
	6				-7			RULL	HULL	7		1.41		sanju samson	the set Branches and The State of the State		NULL	
		0	0	6	0	0	1	NULL	HULL		0	1	0	sanju samson	Suryakumar Yadav	Gerald Coetzee	HULL	1
	7	0	1	1	1	1	1	HULL	HULL	5	0	0	0	sanju samson	Suryakumar Yadav	Keshav Maharaj	HULL	1
	8	0	6	6	1	0	1		4	14	0	2	0	sanju samson	Suryakumar Yadav	Ngabayomzi Peter		1
	9	1	4	81	2	48	8	48	48	15	1	0	1	sanju samson	Tilak Varma	Patrick Kruger	Simelane	1
	10	1	0	0	1	1	6			9	0	1	0	sanju samson	Tilak Varma	Andile Simelane		1
	11	0	6	1	1	0	4	NULL	MULL	12	1	1	0	sanju samson	Tilak Varma	Keshav Maharaj	HUEE	1
	12	4	1	6	1	0	1	HULL	HUUS	13	1	1	0	sanju samson	Tilak Varma	Ngabayomzi Peter	HULL	1
	13	1	4	4	6	48	1	1	HULL	18	2	1	0	sanju samson	Tilak Varma	Andile Simelane	HULL	1
	14	2	4	6	1	6	1	NULL	HURE	20	1	2	0	sanju samson	Tilak Varma	Patrick Kruger	HULE	1
	15	1	4	0	99	0	1	HULL	HULL	5	1	0	1	sanju samson	Hardik Pandya	Keshav Maharaj	Marco J	1
	16	1	1	6	99	0	0	HULL	HULL	8	0	1	1	Rinku Singh	Hardik Pandya	Ngabayomzi Peter	Tristan	1
	17	1	4	1	0	99	1	HULL	HULL	7	1	0	1	Rinku Singh	Axar Patel	Gerald Coetzee	Marco J	1
	18	0	0	1	0	2	0	HULL	HULL	3	0	0	0	Rinku Singh	Axar Patel	Marco Jansen	HULL	1
	19	4	1	0	4	99	4	HULL	HULL	13	3	0	1	Arshdeep Singh	Axar Patel	Gerald Coetzee	Klaasen	1
	20	48	99	0	1	8	0	1	99	4	0	0	2	Ravi Bishnoi	Arshdeep Singh	Marco Jansen	Tristan	1
	1	0	4	4	99	1	0	BUUL	HUU	9	2	0	0	Tristan Stubbs	Rvan Rickelton	Arshdeep Singh	Samson	2
	2	0	4	4	1	0	0	HULL	HULL	9	2	0	0	Tristan Stubbs	Ryan Rickelton	Avesh Khan	NULL	2
	3	0	1	0	0	48	6	1	HUU	9	0	1	0	Tristan Stubbs	Ryan Rickelton	Arshdeep Singh	NULL	2
	4	0	2	99	1	4	6	BULL	HULL	13	1	1	1	Heinrich Klaasen	Ryan Rickelton	Avesh Khan	Survaku	177-01 197-01
	5	0	1	48	1	0	0	0	HULL	3	0	0	0	Heinrich Klaasen	Ryan Rickelton	Hardik Pandva	HULL	2
	6	0	99		4		48	0	HULL	5	1	0	0	Heinrich Klaasen	David Miller	Varun Chakarava	Tiele ties	-
	7		100.0	0	107	0		ETT.	HULL	9	-		0	Heinrich Klaasen	David Miller David Miller	Hardik Pandva	Tilak Var	
		1	1	2	4	100	1	NULL	RULL	177	1	0					MUEL	2
	8	1	6	0	1	1	1	COURT	HULL	10	0	1	0	Heinrich Klaasen	David Miller	Varun Chakarava	1333	2
nni	9 ngs_ove	1 r_by_o	1 over7 x	1	4	1	0	- September 1	MANAGE.	8	1	0	0	Heinrich Klaasen	David Miller	Ravi Bishnoi		2
							_	-										
	0	1	0	1	0	0	BULLE		. 4	0	(Heinrich Klaasen	David Miller	Varun Chakarava	NULL	2
	0	0	0	0	0	1	NULL		1	0	(30	Heinrich Klaasen	David Miller	Ravi Bishnoi	100	2
	1	6	99	1	99	0	COLUM			0	1			Patrick Kruger	Marco Jansen	Varun Chakarava		
	99	6	0	0	99	0	HERE		0	0				Gerald Coetzee Gerald Coetzee	Marco Jansen Marco Jansen	Ravi Bishnoi Axar Patel	Hardik P.	2
	6	1	0	6	0	99	CHARGE STATE		0		1			Gerald Coetzee	Keshav Maharaj	Ravi Bishnoi	Hardik	
	1	0	1	48	6	6	0	HU						Gerald Coetzee	Keshav Maharaj	Hardik Pandya	marcisk	2
	1	48	48	1	0	2	99	0	6	0			-	Ngabayomzi Peter	Keshav Maharat	Arshdeep Singh	NULL	2
	0	1	4	1	99	HALLE	COLUM			1	·				HULL	Avesh Khan	NULL	2

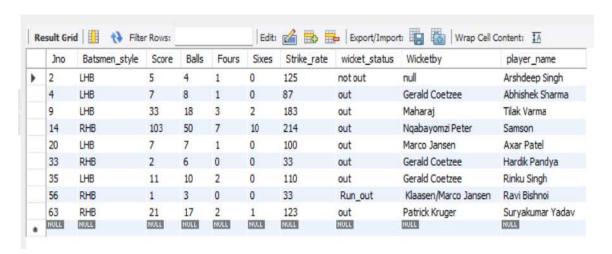
MATCH SUMMARY

	player_of_match	Toss	Match_date	Match_venue	Twinner	tchoosen
٠	Sanju Samson	South Africa	2024-11-08 08:30:00	Kingsmead Durban	South Africa	opt to bowl

Extra score



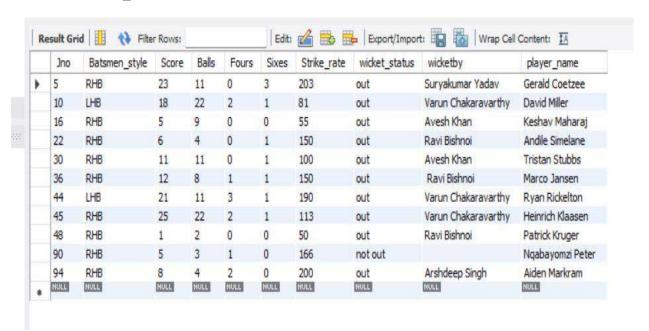
INDIA BAT



INDIA_BOWL



SOUTHAFRICA_BAT



SOUTHAFRICA BOWL

		TAXABLE DESCRIPTION OF THE PARTY OF THE PART	Hesse	III. SEE CANADA SEE	1 80.0	1000	The state of the s	The same	The state of
	Overs	Maiden	Runs	Wickets	Economy	Jno	Player_name	NB	WD
١	4	0	24	1	6	36	Marco Jansen	1	1
	1	0	10	0	10	94	Aiden Markram	0	0
	4	0	34	1	8	16	Keshav Maharaj	0	0
	4	0	37	3	9	5	Gerald Coetzee	0	0
	3	0	35	1	11	90	Nqabayomzi Peter	0	0
	2	0	35	1	17	48	Patrick Kruger	2	3
	2	0	27	0	13	22	Andile Simelane	0	1