

# CRICKET DATABASE

```
CREATE TABLE TEAMS
```

```
(  
    name VARCHAR(20) NOT NULL,  
    logo INT NULL,  
    city VARCHAR(20) NOT NULL,  
    no_of_players INT NOT NULL,  
    captain_pssn INT NOT NULL,  
    PRIMARY KEY (name)  
);
```

---inserting data into teams table---

```
INSERT INTO TEAMS(  
    name,city,no_of_players,captain_pssn  
) VALUES(  
    NIVI,'BERLIN',0,0  
);  
INSERT INTO TEAMS(  
    name,city,no_of_players,captain_pssn  
) VALUES(  
    'BACKRON','AFRICA',0,0  
);  
INSERT INTO TEAMS(  
    name,city,no_of_players,captain_pssn  
) VALUES(  
    'IRUFUS','ENGLAND',0,0  
);
```

## TEAM

NAME	LOGO	CITY	NO_OF_PLAYERS	CAPTAIN_PSSN
NIVI	-	BERLIN	3	1
BACKRON	-	AFRICA	5	4
IRUFUS	-	ENGLAND	4	5

```

CREATE TABLE PLAYERS
(
    pssn INT NOT NULL,
    fname VARCHAR(10),
    mname VARCHAR(10),
    lname VARCHAR(10),
    country VARCHAR(10),
    phone_number VARCHAR(10),
    jersy_number INT,
    skills VARCHAR(10),
    sold_price INT,
    team_name VARCHAR(10),
    PRIMARY KEY (pssn),
    FOREIGN KEY(team_name) REFERENCES TEAMS (name) ON DELETE CASCADE
);

```

---inserting data into players table---

```

INSERT INTO PLAYERS VALUES(
    1,'s','a','n','italy','1029911203',10,'captain',10000,'NIVI'
);
INSERT INTO PLAYERS VALUES(
    2,'a','b','c','europ','1079911203',11,'bowler',1000,'NIVI'
);
INSERT INTO PLAYERS VALUES(
    3,'x','y','z','canada','1049911203',12,'batsman',100000,'NIVI'
);

INSERT INTO PLAYERS VALUES(
    4,'s','a','n','italy','1029912203',10,'captain',10000,'BACKRON'
);
INSERT INTO PLAYERS VALUES(
    5,'a','o','c','europ','1079916203',11,'captain',100000,'IRUFUS'
);
INSERT INTO PLAYERS VALUES(
    6,'q','y','z','canada','1049941203',12,'batsman',100000,'BACKRON'
);
INSERT INTO PLAYERS VALUES(
    7,'w','o','c','europ','1079916203',14,'bowler',100000,'BACKRON'
);
INSERT INTO PLAYERS VALUES(
    8,'r','o','c','europ','1079914203',17,'batsman',100000,'BACKRON'
);
INSERT INTO PLAYERS VALUES(
    9,'t','k','k','india','1079911603',19,'bowler',100000,'BACKRON'
);

INSERT INTO PLAYERS VALUES(
    10,'u','h','w','miapur','1079911203',12,'bowler',100000,'IRUFUS'
);
INSERT INTO PLAYERS VALUES(1

```

```

1,'p','d','n','europ','1079917203',13,'batsman',100000,'IRUFUS'
);
INSERT INTO PLAYERS VALUES(
12,'d','k','l','europ','1079915203',14,'batsman',100000,'IRUFUS'
);

```

# PLAYERS

PSSN	FNAME	MNAME	LNAME	COUNTRY	PHONE_NUMBER	JERSY_NUMBER	SKILLS	SOLD_PRICE	TEAM_NAME
1	s	a	n	italy	1029911203	10	captain	10000	NIVI
2	a	b	c	europa	1079911203	11	bowler	1000	NIVI
3	x	y	z	canada	1049911203	12	batsman	100000	NIVI
4	s	a	n	italy	1029912203	10	captain	10000	BACKRON
5	a	o	c	europ	1079916203	11	captain	100000	IRUFUS
6	q	y	z	canada	1049941203	12	batsman	100000	BACKRON
7	w	o	c	europ	1079916203	14	bowler	100000	BACKRON
8	r	o	c	europ	1079914203	17	batsman	100000	BACKRON
9	t	k	k	india	1079911603	19	bowler	100000	BACKRON
10	u	h	w	miapur	1079911203	12	bowler	100000	IRUFUS
11	p	d	n	europ	1079917203	13	batsman	100000	IRUFUS
12	d	k	l	europ	1079915203	14	batsman	100000	IRUFUS

---updating no\_of\_players---

```

UPDATE TEAMS
SET no_of_players = (
SELECT COUNT(team_name)

```

```
FROM PLAYERS
WHERE team_name = 'NIVI'
)
WHERE name = 'NIVI';
```

```
UPDATE TEAMS
SET no_of_players = (
    SELECT COUNT(team_name)
    FROM PLAYERS
    WHERE team_name = 'BACKRON'
)
WHERE name = 'BACKRON';
```

```
UPDATE TEAMS
SET no_of_players = (
    SELECT COUNT(team_name)
    FROM PLAYERS
    WHERE team_name = 'IRUFUS'
)
WHERE name = 'IRUFUS';
```

-----updating captains-----

```
UPDATE TEAMS
SET captain_pssn =
(
    SELECT pssn
    FROM PLAYERS
    WHERE skills = 'captain' and team_name = 'NIVI'
)
WHERE name = 'NIVI';
```

```
UPDATE TEAMS
SET captain_pssn =
(
    SELECT pssn
    FROM PLAYERS
    WHERE skills = 'captain' and team_name = 'BACKRON'
)
WHERE name = 'BACKRON';
```

```
UPDATE TEAMS
SET captain_pssn =
(
    SELECT pssn
    FROM PLAYERS
    WHERE skills = 'captain' and team_name = 'IRUFUS'
)
WHERE name = 'IRUFUS';
```

```

CREATE TABLE COACH
(
    name VARCHAR(20),
    gender VARCHAR(2),
    dob DATE,
    age INT,
    experience INT,
    salary INT,
    phone_number VARCHAR(10),
    team_name VARCHAR(20) UNIQUE,
    PRIMARY KEY (name),
    FOREIGN KEY(team_name) REFERENCES TEAMS (name) ON DELETE CASCADE
);

```

-----inserting data into coach-----

```

INSERT INTO COACH VALUES(
    'ok','M',TO_DATE('12/11/20','DD/MM/YYYY'),40,20,10000,2978987211,'NIVI'
);
INSERT INTO COACH VALUES(
    'madness','F',TO_DATE('1/1/20','DD/MM/YYYY'),20,0,1000,2478987211,'BACKRON'
);
INSERT INTO COACH VALUES(
    'GIU','M',TO_DATE('11/12/20','DD/MM/YYYY'),30,20,100100,2378987211,'IRUFUS'
);

```

# COACH

NAME	GENDER	DOB	AGE	EXPERIENCE	SALARY	PHONE_NUMBER	TEAM_NAME
ok	M	12-NOV-20	40	20	10000	2978987211	NIVI
madness	F	01-JAN-20	20	0	1000	2478987211	BACKRON
GIU	M	11-DEC-20	30	20	100100	2378987211	IRUFUS

```

CREATE TABLE SPONSER
(
    company_name VARCHAR(20),
    start_date DATE,
    amount_payed INT,
    phone_number VARCHAR(10),
    team_name VARCHAR(20),
    PRIMARY KEY (company_name),
    FOREIGN KEY (team_name) REFERENCES TEAMS(name) ON DELETE CASCADE
);

```

-----inserting data into sponser-----

```

INSERT INTO SPONSER VALUES(
    'FIND',TO_DATE('12/11/20','DD/MM/YYYY'),109920,9201929311,'NIVI'
);
INSERT INTO SPONSER VALUES(
    'LIVE',TO_DATE('1/1/20','DD/MM/YYYY'),10990,4201929311,'NIVI'
);
INSERT INTO SPONSER VALUES(
    'SQL',TO_DATE('12/1/20','DD/MM/YYYY'),10992,6201929311,'NIVI'
);

```

# SPONSOR

COMPANY_NAME	START_DATE	AMOUNT_PAYED	PHONE_NUMBER	TEAM_NAME
FIND	12-NOV-02	109920	9201929311	NIVI
LIVE	01-JAN-02	10990	4201929311	NIVI
SQL	12-JAN-02	10992	6201929311	NIVI

```

CREATE TABLE OWNER
(
    name VARCHAR(10),
    gender VARCHAR(1),
    dob DATE,
    age INT,
    address VARCHAR(30),
    phone_number VARCHAR(10),
    amount_payed INT,
    team_name VARCHAR(10) UNIQUE,
    PRIMARY KEY(name),
    FOREIGN KEY (team_name) REFERENCES TEAMS(name) ON DELETE CASCADE
);

```

----inserting data into owner table-----

```

INSERT INTO OWNER VALUES(
    'Dcop','M',TO_DATE('1/1/1921','DD/MM/YYYY'),61,'HYD','2819828331',1213312,'NIVI'
);
INSERT INTO OWNER VALUES(
    'C','M',TO_DATE('3/12/1901','DD/MM/YYYY'),41,'HYD','281982331',12112,'BACKRON'
);
INSERT INTO OWNER VALUES(
    'M','M',TO_DATE('3/11/1911','DD/MM/YYYY'),31,'HYD','2819823131',121212,'IRUFUS'
);

```

# OWNER

NAME	GENDER	DOB	AGE	ADDRESS	PHONE_NUMBER	AMOUNT_PAYED	TEAM_NAME
Dcop	M	01-JAN-21	61	HYD	2819828331	1213312	NIVI
COMB	M	03-DEC-01	41	HYD	281982331	12112	BACKRON
MARIO	M	03-NOV-11	31	HYD	2819823131	121212	IRUFUS

```

CREATE TABLE MATCH_BETWEEN
(
    team_1 VARCHAR(20),
    team_2 VARCHAR(20),
    match_date DATE,
    toss VARCHAR(1),
    winning_team VARCHAR(20),
    score INT,
    PRIMARY KEY(team_1,team_2,match_date),
    FOREIGN KEY(team_1) REFERENCES TEAMS(name) ON DELETE CASCADE,
    FOREIGN KEY(team_2) REFERENCES TEAMS(name) ON DELETE CASCADE
);

```

-----inserting data into match between table-----

```

INSERT INTO MATCH_BETWEEN VALUES(
    'NIVI','IRUFUS',TO_DATE('12/12/2020','DD/MM/YYYY'),'H','NIVI',700
);
INSERT INTO MATCH_BETWEEN VALUES(
    'BACKRON','IRUFUS',TO_DATE('2/12/2020','DD/MM/YYYY'),'H','BACKRON',500
);
INSERT INTO MATCH_BETWEEN VALUES(
    'NIVI','BACKRON',TO_DATE('1/12/2020','DD/MM/YYYY'),'H','NIVI',1000
);

```

## MATCH\_BETWEEN

TEAM_1	TEAM_2	MATCH_DATE	TOSS	WINNING_TEAM	SCORE
NIVI	IRUFUS	12-DEC-20	H	NIVI	700
BACKRON	IRUFUS	02-DEC-20	H	BACKRON	500
NIVI	BACKRON	01-DEC-20	H	NIVI	1000



primary key



attribute key



Foreign key

\*APPLICABLE TO ALL TABLES