

**Aim:**

To work with simple SQL programs with cursor for cricket league database management.

**PROCEDURE:**

STEP1: Start

STEP2: Initialize the required variables

STEP3: Create a cursor to retrieve data from table

STEP4: select the required data into the cursor

STEP5: display the data fetched from the cursor.

STEP6: .

**CODING:****CREATION OF TABLES**

```
create table stats21cse110(
```

```
p_id number,
```

```
runs number,
```

```
str_rate decimal,
```

```
wickets number,
```

```
economy decimal,
```

```
stumpings number,
```

```
catches number);
```

```
Create table player_detail21cse110(
```

```
P_id number,
```

```
P_name varchar(100),
```

```
Age number,
```

```
country varchar(100),
```

```
Team_ref number,
```

```
Bat_style varchar(100),  
Bowl_style varchar(100));
```

## **INSERTION OF DATA**

```
insert into player_detail21cse110 values(001,'S ahmed',1005,27,'India','left handed','slow left arm');
```

```
insert into player_detail21cse110 values(002,'T varma',1007,23,'India','left handed','right arm off  
spin');
```

```
insert into player_detail21cse110 values(003,'R jadeja',1001,33,'India','left handed','slow left arm');
```

```
insert into player_detail21cse110 values(004,'S sharma',1004,30,'India','right handed','right arm  
medium');
```

**DECLARE**

**CURSOR PLAYER\_DETAIL IS**

**SELECT P\_NAME, TEAM\_REF, BAT\_STYLE,BOWL\_STYLE**

**FROM PLAYER\_DETAILS**

**WHERE P\_ID=100;**

**PL\_NAME VARCHAR2(100);**

**TEAM\_ID NUMBER;**

**BAT VARCHAR2(100);**

**BOWL VARCHAR2(100);**

**BEGIN**

**OPEN PLAYER\_DETAIL;**

**FETCH PLAYER\_DETAIL21CSE110 INTO PL\_NAME, TEAM\_ID, BAT,BOWL;**

**DBMS\_OUTPUT.PUT\_LINE('player: '||PL\_NAME||' of team:**

**'||TO\_CHAR(TEAM\_ID)||'with batting style: '||BAT||'and bowling style:'||BOWL);**

**CLOSE PLAYER\_DETAIL;**

**END;**

## OUTPUT:

```
player:S Ahmed  of team: 1005 with batting style:left handed and
bowling style:slow left arm

player:T karma  of team: 1007 with batting style:left handed and
bowling style:right arm off spin

player:R Jade ja  of team: 1005 with batting style:left handed and
bowling style:slow left arm

player:S Dharma  of team: 1004 with batting style:right handed and
bowling style:right arm medium
```

Parameters	Marks
Algorithm(10)	
Code(15)	
Total(25)	

## RESULT:

Thus the PL/SQL block for creating a cursor is verified and executed for the cricket league management system.

