

Aim:

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

PROCEDURE:

STEP1: Start

STEP2: Initialize the required variables

STEP3: Enter the player_id to be updated

STEP4: Enter the wickets taken by the player

STEP5: Calculate the wickets to the wickets column of the stats table.

STEP6: Update the wickets column of the stats table.

CODING:**CREATION OF TABLES**

```
create table stats21cse110(  
p_id number,  
runs number,  
str_rate decimal,  
wickets number,  
economy decimal,  
stumpings number,  
catches number);
```

INSERTION OF DATA

```
insert into stats21cse110 values(001,183,123.27,0,0,4,3);  
insert into stats21cse110 values(002,456,143.56,23,7,0,10);  
insert into stats21cse110 values(003,0,0.0,0,0.0,0,0);
```

```
insert into stats21cse110 values(004,0,0.0,0,0.0,0,0);
```

```
create procedure disp_detail_sample221cse110(player_id number,outs number) is
```

```
player stats21cse110%rowtype;
```

```
begin
```

```
select * into player from stats21cse110 where p_id=player_id;
```

```
player.wickets:=player.wickets+outs;
```

```
update stats21cse110
```

```
set wickets=player.wickets
```

```
where p_id=player_id;
```

```
end;
```

```
sql>set server output on;
```

```
declare
```

```
pl_id number;
```

```
outs number;
```

```
begin
```

```
pl_id:=&pl_id;
```

```
outs:=&outs;
```

```
disp_detail_sample221cse110(pl_id,outs);
```

```
end;
```

OUTPUT:

	⚡ P_ID	⚡ RUNS	⚡ STR_RATE	⚡ WICKETS	⚡ ECONOMY	⚡ STUMPINGS	⚡ CATCHES	
1	1	183	123	67	0	4	3	
2	2	456	144	77	0	0	10	
3	3	123	106	67	0	0	0	
4	4	40	160	67	0	0	0	

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

RESULT:

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