

Aim:

To work with simple PL/SQL programs with functions for exception handling cricket league database management.

PROCEDURE:

STEP1: Start

STEP2: Initialize the required variables

STEP3: Enter the player_id to be updated

STEP4: Enter the no. Of over bowled and runs conceded by the bowler.

4.1: If the no. Of overs==0,then raise error("no. Of overs cannot be 0")

STEP5: Calculate the economy : run conceded/over bowled .

STEP6: Update the economy in 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);  
  
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 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);
```

```
SET SERVEROUTPUT ON;
```

```
DECLARE
```

```
pl_id NUMBER;
```

```
runs NUMBER;
```

```
overs NUMBER;
```

```
var NUMBER;
```

```
BEGIN
```

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

```
runs := &runs;
```

```
overs := &overs;
```

```
IF overs = 0 THEN
```

```
    RAISE_APPLICATION_ERROR(-20001, 'Error: no of overs not 0.');
```

```
END IF;
```

```
var := total_runs_sample521cse110(pl_id, runs, overs);
```

```
DBMS_OUTPUT.PUT_LINE(var);
```

```
END;
```

OUTPUT:

Error report-

ORA-20001 : Error: no. Of overs not 0

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.

