

## EXPERIMENT-14

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Pavan T

```
SQL> CREATE TABLE branch(  
  2  id NUMBER PRIMARY KEY,  
  3  name VARCHAR2(20) NOT NULL,  
  4  strength NUMBER  
  5  );
```

Table created.

```
SQL> INSERT ALL  
  2  INTO branch VALUES(1, 'CSE', 144)  
  3  INTO branch VALUES(2, 'CSD', 140)  
  4  INTO branch VALUES(2, 'EEE', 120)  
  5  SELECT * FROM DUAL;  
INSERT ALL  
*  
ERROR at line 1:  
ORA-00001: unique constraint (C##526.SYS_C008329) violated
```

```
SQL> INSERT ALL  
  2  INTO branch VALUES(1, 'CSE', 144)  
  3  INTO branch VALUES(2, 'CSD', 140)  
  4  INTO branch VALUES(3, 'EEE', 120)  
  5  SELECT * FROM DUAL;
```

3 rows created.

```
SQL> SET SERVEROUT ON
SQL> SET VERIFY OFF
SQL> CREATE OR REPLACE FUNCTION totalstrength RETURN NUMBER
  2 AS
  3 total NUMBER:=0;
  4 BEGIN
  5 SELECT sum(strength) INTO total FROM branch;
  6 return total;
  7 END;
  8 /
```

Function created.

```
SQL> DECLARE
  2 answer NUMBER;
  3 BEGIN
  4 answer:=totalstrength();
  5 DBMS_OUTPUT.PUT_LINE('Total strength of students is '||answer);
  6 END;
  7 /
```

Total strength of students is 404

PL/SQL procedure successfully completed.