

**JAGJIT SINGH BILKHU – T00533766**  
**BONUS LAB**

```
CREATE OR REPLACE PROCEDURE BONUS_LAB_PROC(p_string VARCHAR2)
```

```
AS
```

```
l_varchar VARCHAR2(10);
```

```
l_fixed CHAR(10);
```

```
BEGIN
```

```
    SELECT UPPER(p_string) INTO l_fixed FROM DUAL;
```

```
    SELECT UPPER(p_string) INTO l_varchar FROM DUAL;
```

```
    IF l_varchar = l_fixed THEN
```

```
        DBMS_OUTPUT.PUT_LINE (p_string|| ' EQUAL');
```

```
    ELSE
```

```
        DBMS_OUTPUT.PUT_LINE (p_string|| ' NOT EQUAL');
```

```
    END IF;
```

```
END;
```

```
exec BONUS_LAB_PROC(NULL);
```

```
exec BONUS_LAB_PROC('data');
```

```
exec BONUS_LAB_PROC('relational');
```

```
exec BONUS_LAB_PROC('relational database');    --AN ERROR OCCURS  
BECAUSE STRING IS TOO LONG
```

```
NOT EQUAL
```

```
data NOT EQUAL
```

```
relational EQUAL
```

```

CREATE TABLE BONUS_EMPLOYEE (
    emp_no NUMBER(10) PRIMARY KEY,
    emp_name VARCHAR2(15) NOT NULL,
    emp_address VARCHAR2(30) NOT NULL,
    sup_id NUMBER(10),
    sup_start_date DATE,
    CONSTRAINT SUPERVISOR FOREIGN KEY(sup_id) REFERENCES
BONUS_EMPLOYEE(emp_no)
);

```

```

SELECT S.emp_no,S.emp_name,E.emp_name "SUPERVISOR"
FROM BONUS_EMPLOYEE E
JOIN BONUS_EMPLOYEE S ON S.SUP_ID = E.EMP_NO;

```

	EMP_NO	EMP_NAME	SUPERVISOR
1	2	TOM	KING
2	3	KEVIN	TOM
3	4	MILA	TOM
4	5	MRIDULA	TOM

