

```

CREATE or REPLACE PROCEDURE LAB8_Power2
IS
DECLARE
    Result NUMBER := 1;
    CNT NUMBER := 0;
    PWR NUMBER := 10;
BEGIN
    WHILE CNT < PWR LOOP
        Result := Result * 2;
        CNT := CNT + 1;
        DBMS_OUTPUT.PUT_LINE('2 ^ ' || CNT || ' = ' || Result || ' ' || RPAD('2',CNT*2-1,'*2') || ' = ' ||
Result || ' ' || CNT);
    END LOOP;
END;
/

```

อันนี้ผิดเพราะจารเหลี่ยม

```

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CREATE or REPLACE PROCEDURE LAB8_Power2
IS
--DECLARE
    R NUMBER := 1;
    CNT NUMBER := 0;
    PWR NUMBER := 10;
BEGIN
    WHILE CNT < PWR LOOP
        R := R*2;
        CNT := CNT + 1;
        DBMS_OUTPUT.PUT_LINE('2 ^ ' || CNT || ' = ' || R );
    END LOOP;
END;
/

```

```

CREATE TABLE StudentScore(
    ID Char(11),
    Name Varchar2(80),
    Mid Number(2),
    Final Number(2),
    Work Number(2)
);

```

```

INSERT INTO StudentScore(ID,Name,Mid,Final,Work) VALUES('553020621-7','สิทธิชัย สมทรัพย์
',29,38,28);

```

```
INSERT INTO StudentScore(ID,Name,Mid,Final,Work) VALUES('555020270-4','พงษ์ศธร จันทร์  
ย่อย',15,20,10);  
INSERT INTO StudentScore(ID,Name,Mid,Final,Work) VALUES('643020477-7','ธวัชชัย นฤราศรี  
,33,33,33);
```

```
CREATE or REPLACE PROCEDURE LAB8_DBGrade  
IS
```

```
--DECLARE
```

```
    vStdid CHAR(11);  
    vStdname VARCHAR2(80);  
    vWork StudentScore.work%TYPE;  
    vMid StudentScore.Mid%TYPE;  
    vFinal StudentScore.Final%type;  
    vScore NUMBER(3);
```

```
BEGIN
```

```
    SELECT ID,Name,Mid,Final,Work,(Mid+Final+Work) INTO
```

```
vStdid,vStdname,vWork,vMid,vFinal,vScore
```

```
    FROM StudentScore
```

```
    where StudentScore.ID='643020477-7';
```

```
    DBMS_OUTPUT.PUT_LINE('Student ID :'||vStdid);
```

```
    DBMS_OUTPUT.PUT_LINE('Name :'||vStdname);
```

```
    DBMS_OUTPUT.PUT_LINE('Work score :'||vWork);
```

```
    DBMS_OUTPUT.PUT_LINE('Midterm score :'||vMid);
```

```
    DBMS_OUTPUT.PUT_LINE('Final score :'||vFinal);
```

```
    DBMS_OUTPUT.PUT_LINE('Total score :'||vScore);
```

```
    IF Vscore>=80 THEN
```

```
        DBMS_OUTPUT.PUT_LINE('Getting grade is A');
```

```
    ELSIF Vscore>=70 AND Vscore<80 THEN
```

```
        DBMS_OUTPUT.PUT_LINE('Getting grade is B');
```

```
    ELSIF Vscore>=60 AND Vscore<70 THEN
```

```
        DBMS_OUTPUT.PUT_LINE('Getting grade is C');
```

```
    ELSIF Vscore>=50 AND Vscore<60 THEN
```

```
        DBMS_OUTPUT.PUT_LINE('Getting grade is D');
```

```
    ELSIF Vscore<50 THEN
```

```
        DBMS_OUTPUT.PUT_LINE('Getting grade is F');
```

```
    ELSE
```

```
        DBMS_OUTPUT.PUT_LINE('Grade is out of data Equal meaning is ERROR');
```

```
    END IF;
```

```
END;
```

```
/
```

