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Activity 6

No. 1

Variable	Tipe data	Nilai
V_WEIGHT (sub blok)	NUMBER(3)	4
V_NEW_LOCN (sub blok)	VARCHAR2(255)	'WesternEurope'
V_WEIGHT (blok utama)	NUMBER(3)	601
V_MESSAGE (blok utama)	VARCHAR2(255)	'Product 10012 is in stock'
V_NEW_LOCN (blok utama)	VARCHAR2(50)	**ERROR - Undeclarated**

```
DECLARE
     v_weight NUMBER(3) := 600;
     v_message VARCHAR2(255) := 'Product 10012';

BEGIN
     DECLARE
          v_weight NUMBER(3) := 1;
          v_message VARCHAR2(255) := 'Product 11001';
          v_new_locn VARCHAR2(50) := 'Europe';
     BEGIN
          v_weight := v_weight + 1;
          v_new_locn := 'Western' || v_new_locn;
          DBMS_OUTPUT.PUT_LINE(v_weight);
          DBMS_OUTPUT.PUT_LINE(v_new_locn);
     END;

     v_weight := v_weight + 1;
     v_message := v_message || ' is in stock';
     DBMS_OUTPUT.PUT_LINE(v_weight);
     DBMS_OUTPUT.PUT_LINE(v_message);
END;
/
```

Output :

```
2
WesternEurope
601
Product 10012 is in stock


PL/SQL procedure successfully completed.
```

No. 2

Variable	Tipe data	Nilai
V_CUSTOMER (sub blok)	NUMBER(7)	201
V_NAME (sub blok)	VARCHAR2(25)	'Unisports'
V_CREDIT_RATING(sub blok)	VARCHAR2(50)	'EXCELLENT'
V_CUSTOMER (blok utama)	VARCHAR2(50)	'Womansport'
V_NAME (blok utama)	ERROR - Undeclarated	ERROR - Undeclarated
V_CREDIT_RATING (blok utama)	VARCHAR2(50)	'EXCELLENT'

```
DECLARE
      v_customer        VARCHAR2(50) := 'Womansport';
      v_credit_rating   VARCHAR2(50) := 'EXCELLENT';

BEGIN
      DECLARE
            v_customer  NUMBER(7) := 201;
            v_name      VARCHAR2(25) := 'Unisports';
      BEGIN
            DBMS_OUTPUT.PUT_LINE(v_customer);
            DBMS_OUTPUT.PUT_LINE(v_name);
            DBMS_OUTPUT.PUT_LINE(v_credit_rating);
      END;
      DBMS_OUTPUT.PUT_LINE(v_customer);
      DBMS_OUTPUT.PUT_LINE(v_credit_rating);
END;
/
```

Output :

```
201
Unisports
EXCELLENT
Womansport
EXCELLENT

PL/SQL procedure successfully completed.
```

No. 3

```
SET VERIFY OFF
VARIABLE v_hasil NUMBER
ACCEPT p_angka1 PROMPT 'MASUKKAN ANGKA PERTAMA  : ';
ACCEPT p_angka2 PROMPT 'MASUKKAN ANGKA KEDUA    : ';
ACCEPT p_angka3 PROMPT 'MASUKKAN ANGKA KETIGA   : ';
ACCEPT p_angka4 PROMPT 'MASUKKAN ANGKA KEEMPAT  : ';

DECLARE
      v_angka1    NUMBER := &p_angka1;
      v_angka2    NUMBER := &p_angka2;
      v_angka3    NUMBER := &p_angka3;
      v_angka4    NUMBER := &p_angka4;

BEGIN
      :v_hasil := (v_angka1 + v_angka2) / (v_angka3 + v_angka4);
END;
/

PRINT v_hasil
SET VERIFY ON
```

Output :

```
MASUKKAN ANGKA PERTAMA  : 10
MASUKKAN ANGKA KEDUA    : 10
MASUKKAN ANGKA KETIGA   : 1
MASUKKAN ANGKA KEEMPAT  : 1

PL/SQL procedure successfully completed.

   V_HASIL
----------
        10
```

No. 4

```
SET VERIFY OFF
VARIABLE g_total NUMBER
ACCEPT p_salary PROMP 'MASUKKAN JUMLAH GAJI        : '
ACCEPT p_bonus PROMP 'MASUKKAN JUMLAH PERSENTASE BONUS    : '

DECLARE
```

```
    v_salary NUMBER    := &p_salary;
    v_bonus NUMBER := &p_bonus;

BEGIN
    :g_total := NVL(v_salary, 0) * (1 + NVL(v_bonus, 0) / 100);
END;
/

PRINT g_total
SET VERIFY ON
```

Output :

```
SP2-0003: Ill-formed ACCEPT command starting as PROMP 'MASUKKAN JUMLAH
GAJI              : '
SP2-0003: Ill-formed ACCEPT command starting as PROMP 'MASUKKAN JUMLAH
PERSENTASE BONUS : '
Enter value for p_salary : 10000
Enter value for p_bonus  : 10

PL/SQL procedure successfully completed.

   G_TOTAL
----------
     11000
```