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**P1. WRITE A NESTED PROGRAM TO ADD AND TO MULTIPLY TWO NUMBERS.**

```
SQL> set serveroutput on
```

```
SQL>DECLARE
  n1 number(4);
  n2 number(4);
  sumval number(4);
  BEGIN
  n1 := &n;
  n2 := &n;
  sumval := n1 + n2;
  << inner_block >>
  DECLARE
  prod number;
  BEGIN
  prod := n1 * n2 ;
  Dbms_output.put_line( 'Product Value =' || prod );
  END inner_block ;
  Dbms_output.put_line( 'Sum Value =' || sumval );
  END ;
/
```

```
Enter value for n: 3
old 6: n1 := &n;
new 6: n1 := 3;
Enter value for n: 4
old 7: n2 := &n;
new 7: n2 := 4;
Product Value =12
Sum Value =7
```

PL/SQL procedure successfully completed.

If any error occurs then implement the below code before any execution.

```
SQL> set echo on;
SQL> set verify off;
SQL> set define '&';
```

**P2. WRITE A PROGRAM TO CALCULATE THE SIMPLE INTEREST AND COMPOUND INTEREST, IF P, N, R ARE GIVEN.**

```
SQL> declare
```

```
p number(9,2) ;
n number(9,2) ;
r number(9,2) ;
si number(9,2) := 0;
ci number(9,2) := 0;
begin
p := &principal_amount;
n := &no_of_years;
r := &rate_of_interest;
si := p*n*r/100;
ci := p*(1+r/100)**n;
dbms_output.put_line('simple interset =' ||si);
dbms_output.put_line('compound interset =' ||ci);
end;
/
```

Enter value for principal\_amount: 52

Enter value for no\_of\_years: 5

Enter value for rate\_of\_interest: 25

simple interset =65

compound interset =158.69

PL/SQL procedure successfully completed.