## Wai Yan Kaung

## Database Development II

## Professor Gabor

## 05/13/2016

## Chapter Ten Hands-On-Assignments Part I Solutions

Assignment 10-6: Using DBMS\_OUTPUT

Using the DBMS\_OUTPUT package, create and run a PL/SQL block that displays lines for each product in the BB\_PRODUCT table. If the stock level for a product is above the reorder point, only a single line should be displayed. If the stock level is below the reorder point, two lines such should be displayed as shown below:

Before running the block, issue the following statements to make sure product 4’s stock level is below the reorder point:

DECLARE

CURSOR products\_cur IS SELECT \* FROM bb\_product;

BEGIN

FOR products\_rec IN products\_cur LOOP

DBMS\_OUTPUT.PUT ('Product ');

DBMS\_OUTPUT.PUT (products\_rec.IDPRODUCT);

DBMS\_OUTPUT.PUT (' - ');

DBMS\_OUTPUT.PUT (products\_rec.PRODUCTNAME);

IF products\_rec.stock < products\_rec.reorder THEN

   DBMS\_OUTPUT.PUT\_line (' needs ordering!');

   DBMS\_OUTPUT.PUT ('Stock = ');

   DBMS\_OUTPUT.PUT (products\_rec.stock);

   DBMS\_OUTPUT.PUT (', reoder point = ');

   DBMS\_OUTPUT.PUT\_line ( products\_rec.reorder);

ELSE

  DBMS\_OUTPUT.PUT\_line (' does NOT need ordering');

END IF;

END LOOP;

END;

