



## Exercise One

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1.1 Loop through each record in the Products\_Group table, within this loop, loop around the Products table, check for all Products whose number in stock is below 15, if the value is above this then stop the processing using the continue clause, if it is below use DBMS\_OUTPUT to display an appropriate message ...

*Product Group 2 Product Number 5 has only 2 in stock*

*Product Group 5 Product Number 16 has only 11 in stock*

*Product Group 5 Product Number 17 has only 9 in stock*

*Product Group 5 Product Number 18 has only 2 in stock*

Save the process as c:\course\ex1\_1.sql



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1.2 You will note from the previous exercise that only Product Groups 2 and 5 have product stock below the permissible level, alter the previous process so that a summation statement is displayed if the Product Group does not have any Products which need to be re-ordered.

If the Product Group has stock which need re-ordering avoid printing this message by using a continue when clause to skip it ...

*All of Product Group Number 1 are above minimum levels.*

*Product Group 2 Product Number 5 has only 2 in stock*

*All of Product Group Number 3 are above minimum levels.*

*All of Product Group Number 4 are above minimum levels.*

*Product Group 5 Product Number 16 has only 11 in stock*

*Product Group 5 Product Number 17 has only 9 in stock*

*Product Group 5 Product Number 18 has only 2 in stock*

Save the process as c:\course\ex1\_2.sql



## Exercise One

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If there is sufficient time or you are waiting for other delegates to complete the first two exercises ...

1.3 Amend the ex1\_2.sql process to include a third loop which loops around the Products\_sales table, print out five records for each Product then using loop labels exit this third loop. The output should now be as follows ...

*Product Number 21 Sales No 147881*

*Product Number 21 Sales No 147898*

*Product Number 21 Sales No 147899*

*Product Number 21 Sales No 147900*

...

*Product Number 20 Sales No 145267*

*Product Number 20 Sales No 145317*

*Product Number 20 Sales No 145318*