Assignment #3

CSC 452

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While Loop

```
1   set SERVEROUTPUT ON;
2   DECLARE
3       CURSOR shipments_info IS
4           SELECT supplierno, partno, projectno, quantity
5           FROM SHIPMENTS
6           where quantity>(select avg(quantity) from SHIPMENTS);
7       shipments_t shipments_info%ROWTYPE;
8   BEGIN
9       OPEN shipments_info;
10      LOOP
11          FETCH shipments_info INTO shipments_t;
12          EXIT WHEN shipments_info%NOTFOUND;
13          DBMS_OUTPUT.PUT_LINE ('Supplier Number: '|| shipments_t.supplierno ||' Part Number: ' || shipments_t.partno ||' Project Number: ' || shipments_t.projectno || ' Quantity: '|| shipments_t.quantity);
14      END LOOP;
15  END;
16
17  |
```

Script Output ×   Query Result ×

Task completed in 0.141 seconds

```
PL/SQL procedure successfully completed.


PL/SQL procedure successfully completed.

Supplier Number: S1 Part Number: P1 Project Number: J4 Quantity: 700
Supplier Number: S1 Part Number: P3 Project Number: J3 Quantity: 700
Supplier Number: S2 Part Number: P3 Project Number: J4 Quantity: 509
Supplier Number: S2 Part Number: P3 Project Number: J5 Quantity: 600
Supplier Number: S2 Part Number: P3 Project Number: J7 Quantity: 812
Supplier Number: S3 Part Number: P5 Project Number: J6 Quantity: 750
Supplier Number: S3 Part Number: P4 Project Number: J1 Quantity: 512
Supplier Number: S4 Part Number: P5 Project Number: J2 Quantity: 513
Supplier Number: S5 Part Number: P3 Project Number: J7 Quantity: 874
Supplier Number: S5 Part Number: P4 Project Number: J4 Quantity: 476
Supplier Number: S5 Part Number: P5 Project Number: J4 Quantity: 529
Supplier Number: S5 Part Number: P2 Project Number: J4 Quantity: 619


PL/SQL procedure successfully completed.
```

FOR LOOP

```
1   set SERVEROUTPUT ON;
2   DECLARE
3       CURSOR shipments_info IS
4           SELECT supplierno, partno, projectno, quantity
5           FROM SHIPMENTS
6           where quantity>(select avg(quantity) from SHIPMENTS);
7   BEGIN
8       FOR shipfo IN shipments_info LOOP
9           DBMS_OUTPUT.PUT_LINE('Supplier Number: ' || shipfo.supplierno || ' Part Number: ' || shipfo.partno || ' Project Number: '|| shipfo.projectno || ' Quantity: ' || shipfo.quantity);
10      END LOOP;
11  END;
12
13
```

Script Output ×   Query Result ×

Task completed in 0.141 seconds

```
Supplier Number: S1 Part Number: P1 Project Number: J4 Quantity: 700
Supplier Number: S1 Part Number: P3 Project Number: J3 Quantity: 700
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Supplier Number: S5 Part Number: P5 Project Number: J4 Quantity: 529
Supplier Number: S5 Part Number: P2 Project Number: J4 Quantity: 619


PL/SQL procedure successfully completed.
```