1.

SET SERVEROUTPUT ON;

DECLARE

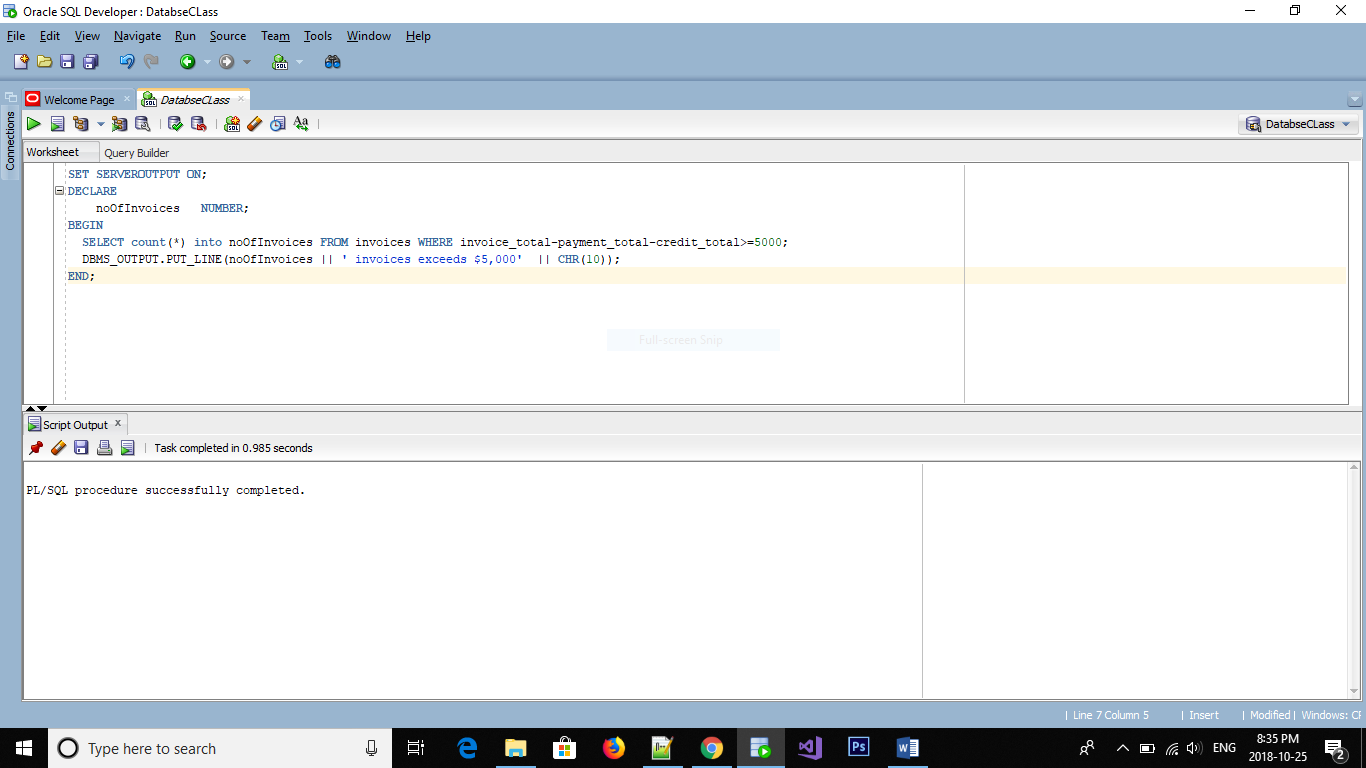
noOfInvoices NUMBER;

BEGIN

SELECT count(\*) into noOfInvoices FROM invoices WHERE invoice\_total-payment\_total-credit\_total>=5000;

DBMS\_OUTPUT.PUT\_LINE(noOfInvoices || ' invoices exceeds $5,000' || CHR(10));

END;



2.

DECLARE

noOfInvoices NUMBER;

totalDue NUMBER;

BEGIN

SELECT count(\*) into noOfInvoices FROM invoices WHERE invoice\_total-payment\_total-credit\_total>0;

SELECT sum(invoice\_total-payment\_total-credit\_total) into totalDue FROM invoices WHERE invoice\_total-payment\_total-credit\_total>0;

IF (totalDue>50000) THEN

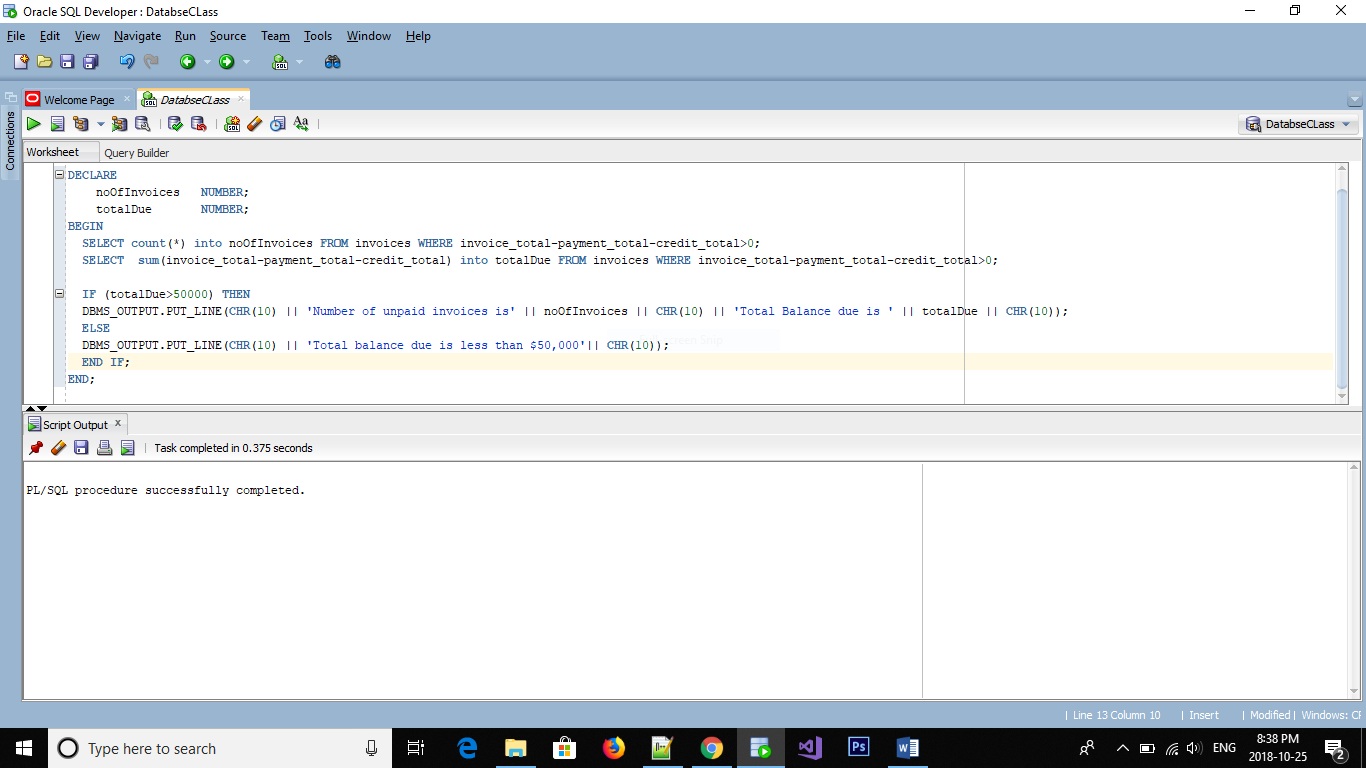
DBMS\_OUTPUT.PUT\_LINE(CHR(10) || 'Number of unpaid invoices is' || noOfInvoices || CHR(10) || 'Total Balance due is ' || totalDue || CHR(10));

ELSE

DBMS\_OUTPUT.PUT\_LINE(CHR(10) || 'Total balance due is less than $50,000'|| CHR(10));

END IF;

END;



3.

DECLARE

CURSOR cursor\_name IS

SELECT vendor\_name, invoice\_number, invoice\_total-payment\_total-credit\_total balance\_due

FROM invoices INNER JOIN vendors ON invoices.vendor\_id=vendors.vendor\_id

WHERE invoice\_total-payment\_total-credit\_total>5000

ORDER BY invoice\_total-payment\_total-credit\_total DESC;

BEGIN

FOR cursor\_r IN cursor\_name

LOOP

DBMS\_OUTPUT.PUT\_LINE(cursor\_r.balance\_due || CHR(9) || cursor\_r.invoice\_number || CHR(9) || cursor\_r.vendor\_name ||CHR(10));

END LOOP;

END;

