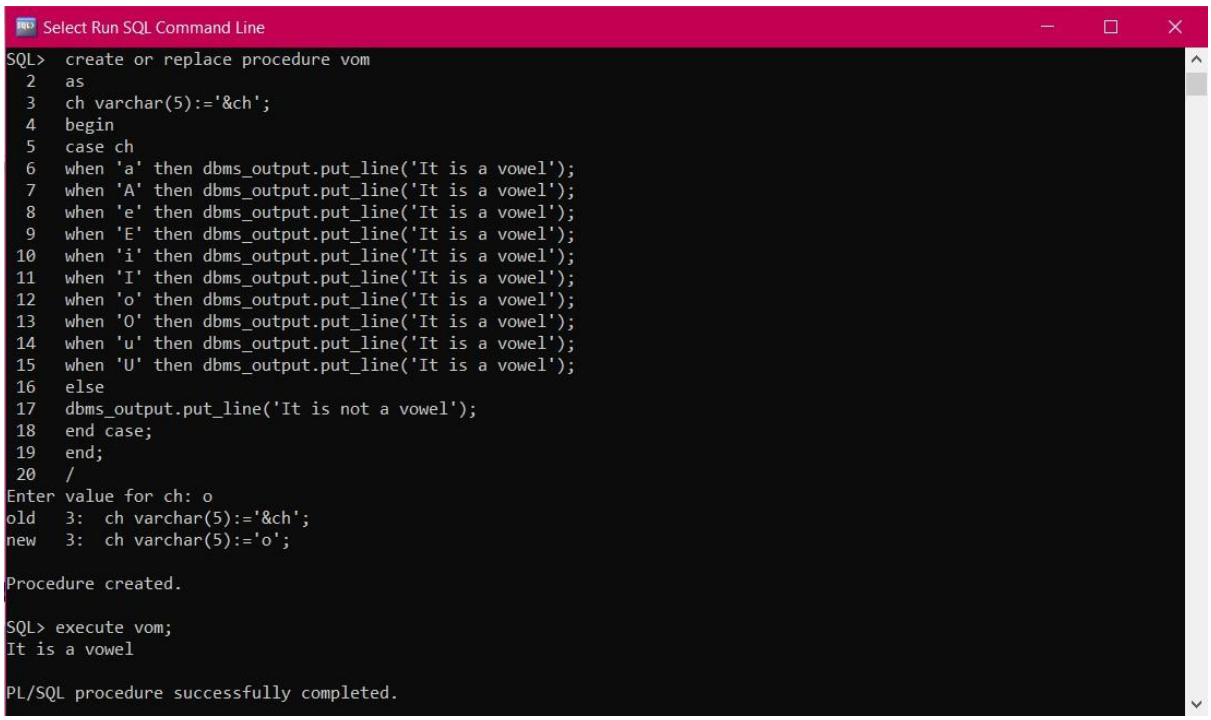
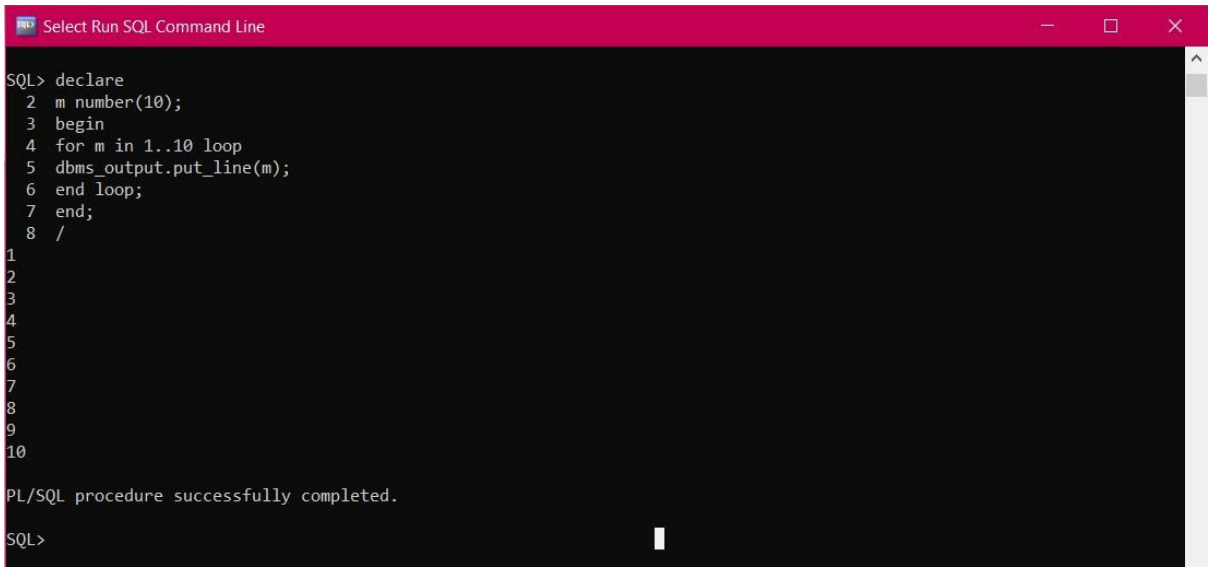
Aniket Prajapati
SYCS - 351

DBMS ASSIGNMENT NO – 2

1.Create a procedure to read a character and print whether it is a vowel or not.



2. Create a block to print the numbers from 1 to 10 using FOR Loop.



Aniket Prajapati
SYCS - 351

3. Create a function to print the total number of employees working as ‘CLERK’.

4. Create a block to print even numbers from 2 to 20 and terminate the loop using EXIT statement.

Aniket Prajapati
SYCS - 351

5. Explain the significance of replace keyword with example.

Significance: Keyword 'OR REPLACE' instructs the compile to replace the existing procedure (if any) with the current one.

Specify OR REPLACE to re-create the procedure if it already exists. Use this clause to change the definition of an existing procedure without dropping, re-creating, and regranting object privileges previously granted on it. If you redefine a procedure, then Oracle Database recompiles it.

Users who had previously been granted privileges on a redefined procedure can still access the procedure without being regranted the privileges.

```
SQL> create procedure pro_example_1
  2  as
  3  begin
  4  dbms_output.put_line('create procedure');
  5  end;
  6  /

Procedure created.

SQL> execute pro_example_1;
create procedure

PL/SQL procedure successfully completed.

SQL> create or replace procedure pro_example_1
  2  as
  3  begin
  4  dbms_output.put_line('Replace procedure without dropping it.');
  5  end;
  6  /

Procedure created.

SQL> execute pro_example_1;
Replace procedure without dropping it.

PL/SQL procedure successfully completed.

SQL>
```