Database Lab 11

Lab Done in Group Allowed by Ma’am

Name: Ahmed Kasteer

Roll Number: 20F-0336

Section: 4D

Name: Ali Booka

Roll Number: 18F-0232

Section: 4D

Question 1:

declare

n NUMBER := 15;

r NUMBER;

BEGIN

r := MOD(n, 2);

IF r = 0 THEN

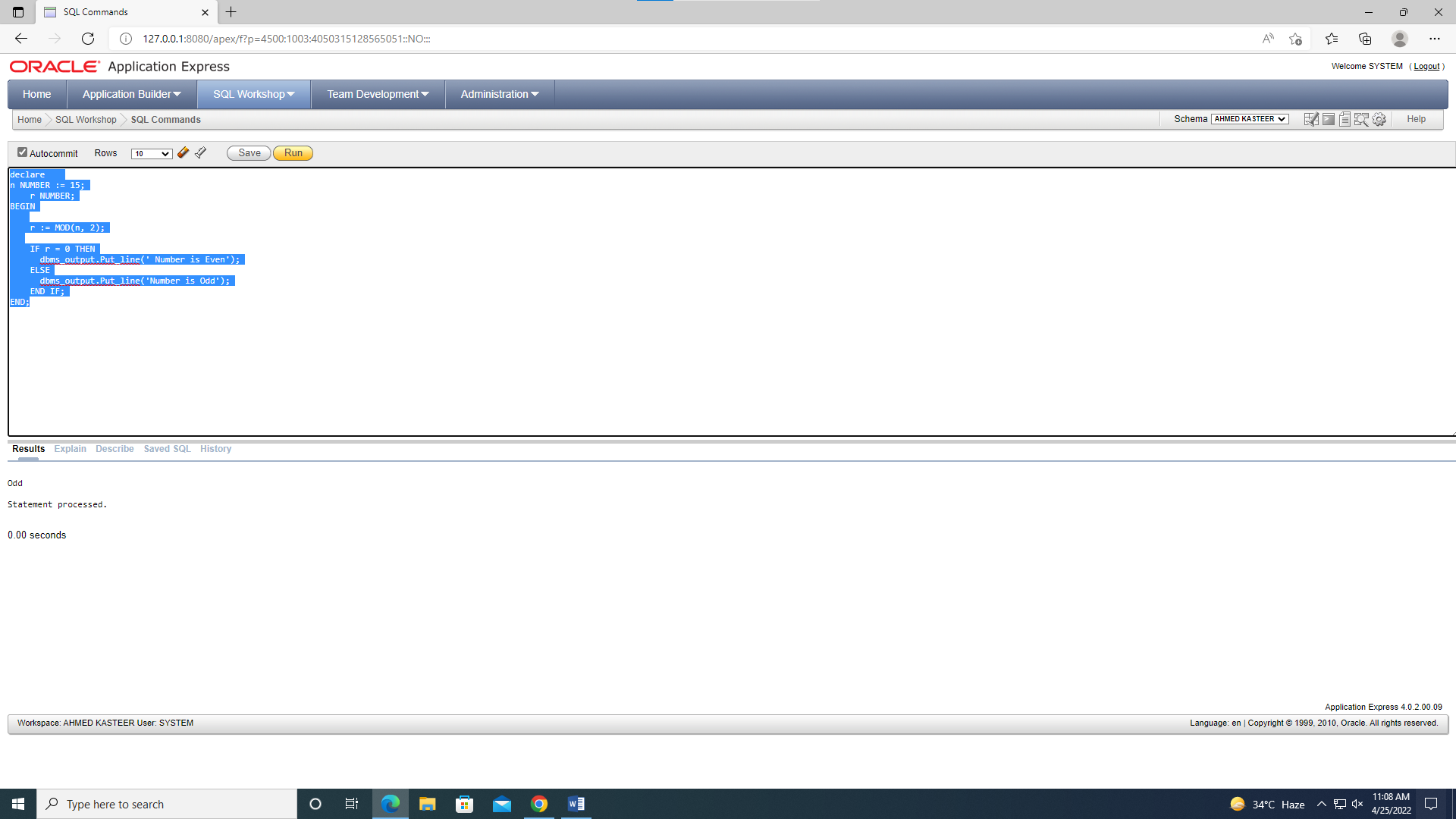
dbms\_output.Put\_line(' Number is Even');

ELSE

dbms\_output.Put\_line('Number is Odd');

END IF;

END;



Question 2:

DECLARE

num1 NUMBER := 14;

BEGIN

IF num1 < 0 THEN

DBMS\_OUTPUT.PUT\_LINE ('The number '||num1||' is a negative number');

ELSIF num1 = 0 THEN

DBMS\_OUTPUT.PUT\_LINE ('The number '||num1||' is equal to zero');

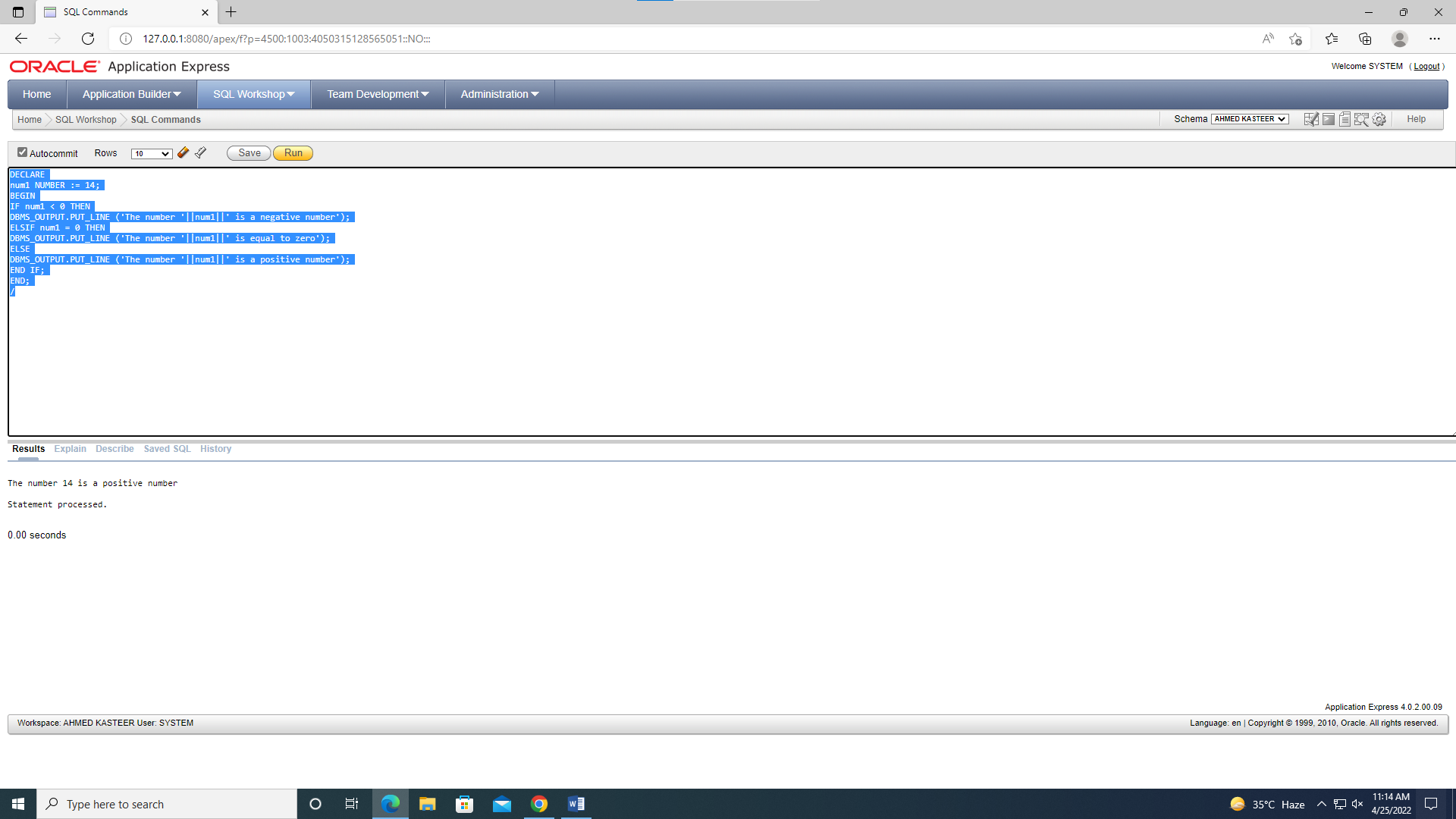
ELSE

DBMS\_OUTPUT.PUT\_LINE ('The number '||num1||' is a positive number');

END IF;

END;

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Question 3:

DECLARE

num\_small NUMBER := 224;

num\_large NUMBER := 125;

num\_temporary NUMBER;

BEGIN

IF num\_small > num\_large THEN

num\_temporary := num\_small;

num\_small := num\_large;

num\_large := num\_temporary;

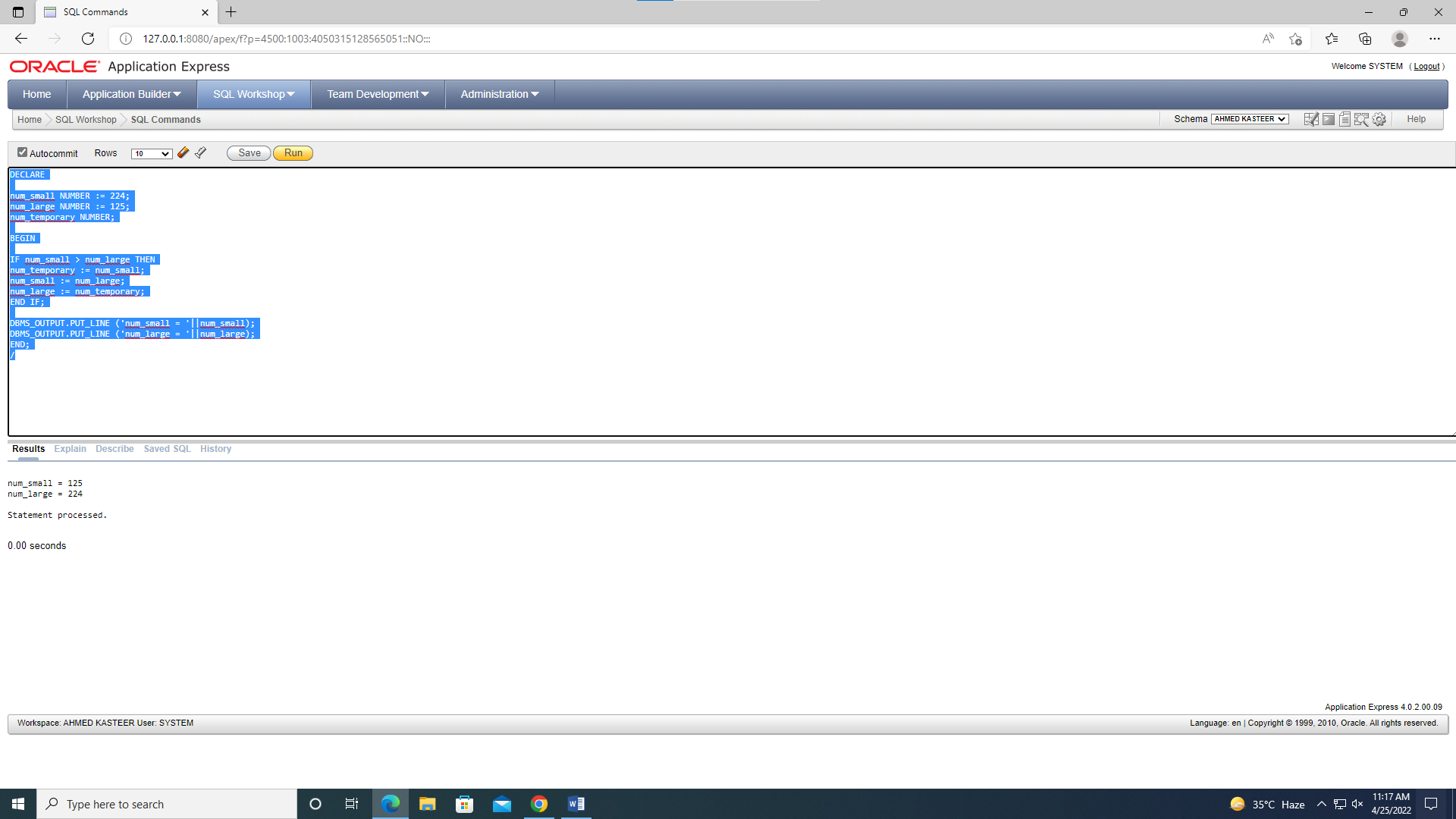
END IF;

DBMS\_OUTPUT.PUT\_LINE ('num\_small = '||num\_small);

DBMS\_OUTPUT.PUT\_LINE ('num\_large = '||num\_large);

END;

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Question 4:

DECLARE

n number:= 20;

i number:=1;

num number:=1;

BEGIN

DBMS\_OUTPUT.PUT\_LINE ('The first n numbers till entered number: ');

dbms\_output.new\_line;

dbms\_output.new\_line;

DBMS\_OUTPUT.PUT (i||' ');

for i in 1..n-1 loop

num:=num+1;

dbms\_output.put(num||' ');

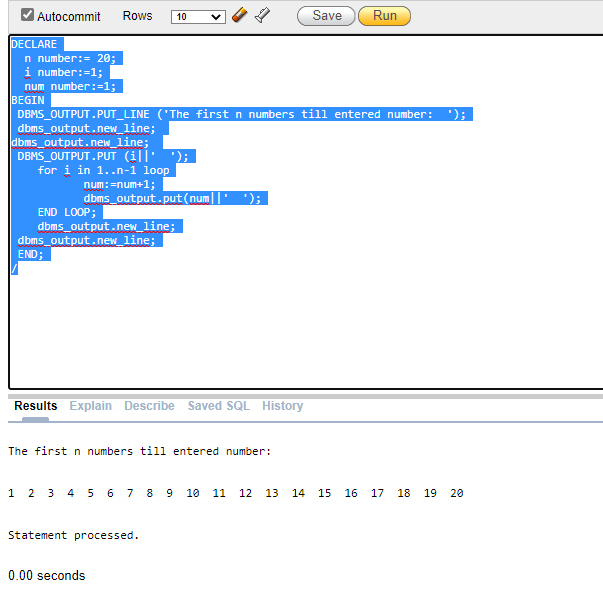
END LOOP;

dbms\_output.new\_line;

dbms\_output.new\_line;

END;

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Question 5:

CREATE TABLE emp\_temp(

emp\_id NUMBER;

emp\_email VARCHAR2(40)

);

DECLARE

number\_of\_emp NUMBER;

BEGN

SELECT COUNT (employee\_id) INTO number\_of\_emp

FROM employees;

FOR i IN 1..number\_of\_emp LOOP

INSERT INTO emp\_temp (emp\_id, emp\_email)

VALUES(i, 'not available now');

END LOOP;

END;

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