TEST AKHIR

1.SELECT \* FROM user objects where object type =’FUNCTION’;

2.CREATE or REPLACE function tujuh return varchar2 is

x varchar2(500):=’’;

BEGIN

FOR i in 1..50 LOOP

IF (i mod 7=0) THEN

x:=x||’’||i;

END IF;

END LOOP;

RETURN x;

END;

/

exec dbms\_output.put\_line(tujuh);

3.CREATE or REPLACE function namanegara return varchar2 is

CURSOR cnegara is SELECT c.country\_name as nama\_negara

FROM coutries c

JOIN regions r

ON (c.region\_id = r.region\_id)

WHERE substr(c.country\_name, length(c.country\_name),1) = ‘A’ and r.region\_name =’Asia’;

vcursor cnegara%rowtype;

x varchar2(300):=’’;

BEGIN

FOR vcursor in cnegara LOOP

x:=x||’’||vcursor.nama\_negara;

END LOOP;

return x;

END;

/

exec dbms\_output.put\_line(namanegara);

4.CREATE or REPLACE function deret return varchar2 is

x varchar2(200);

i number:=0;

BEGIN

WHILE i<=100 LOOP

x:=x||’’||i;

i:=i+3;

END LOOP;

return x;

END;

/

exec dbms\_output.put\_line(deret);

5.CREATE or REPLACE function namakota return varchar2 is

cursor ckota is select l.city as nama\_kota

FROM locations l

JOIN countries c on (l.country\_id = c.country\_id)

JOIN regions r on (c.region\_id = r.region\_id)

WHERE r.region\_name = ‘Europe’

ORDER BY 1 desc;

x varchar2(300);

BEGIN

FOR vcursor in ckota LOOP

x:=x||’’||vcursor.nama\_kota;

END LOOP;

return x;

END;

/

exec dbms\_output.put\_line(nama\_kota);

6.

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Function Plusku menampilkan pola di atas, namun function ini memiliki error karena tidak terdapat return value.

7.CREATE or REPLACE function kata return number is

x varchar2(100):=’HALLO’;

total number:=0;

BEGIN

FOR i in 1..27 LOOP

IF(substr(x,i,1)=’A’) THEN

total:=total+1;

END IF;

END LOOP;

return total;

END;

/

exec dbms\_output.put\_line(kata);