

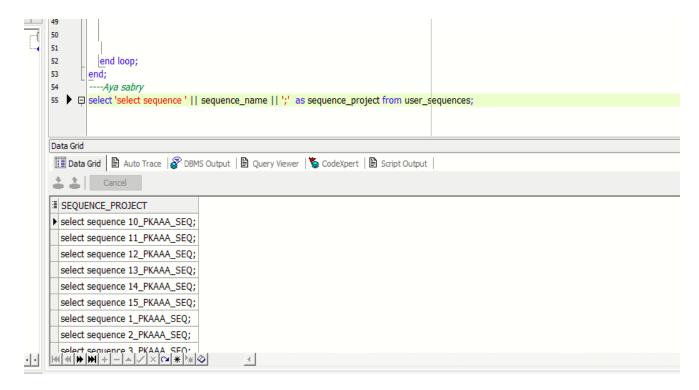
Task

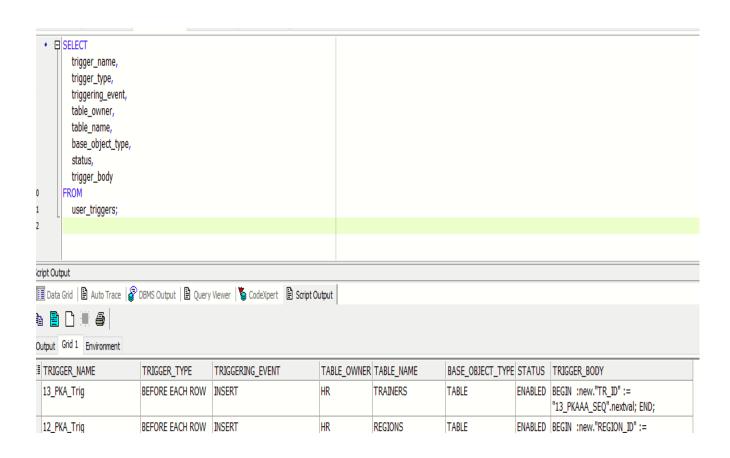
1-Drop sequences

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| CodeXpert | Script Output | CodeXpert |
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```
set serveroutput on
-- AYA FIRST PROJECT--
declare
  curr_mx number;
  counter number:=1;
  sequ_name varchar2 (30);
  trigger_nam varchar2 (30);
begin
  for rec in ( select col_cons.table_name
             , col_cons.column_name
         from user_constraints uc
            join user_cons_columns col_cons
               on col_cons.table_name = uc.table_name
              and col_cons.constraint_name = uc.constraint_name
            join user_tab_columns to
              on tc.table_name = col_cons.table_name
              and tc.column_name = col_cons.column_name
         where uc.constraint_type = 'P'
         and tc.data_type = 'NUMBER'
          )
  loop
    execute immediate 'Select (max ('|| rec.column_name ||')+1) from ' ||rec.table_name
      into curr_mx;
    IF curr_mx is null THEN
      curr mx := 0;
    END IF;
      sequ_name := counter || '_PKAAA_SEQ';
       trigger_nam := counter || '_PKA_Trig';
    counter := counter +1;
    execute immediate 'CREATE SEQUENCE " | sequ_name | ""
     || START WITH | to_char( curr_mx + 1 ) || ;;
    || 'BEFORE INSERT ON " || rec.table_name || ""
     || ' FOR EACH ROW '
     || BEGIN '
     || ' :new." || rec.column_name || " := " || sequ_name || ".nextval;'
     || ' END;';
  end loop;
```

3-Show sequences and triggers after run project





TRIGGER_NAME	TRIGGER_TYPE	TRIGGERING_EVENT	TABLE_OWNER	TABLE_NAME	BASE_OBJECT_TYPE	STATUS	TRIGGER_BODY
13_PKA_Trig	BEFORE EACH ROW	INSERT	HR	TRAINERS	TABLE	ENABLED	BEGIN :new."TR_ID" := "13_PKAAA_SEQ".nextval; END;
12_PKA_Trig	BEFORE EACH ROW	INSERT	HR	REGIONS	TABLE	ENABLED	BEGIN :new."REGION_ID" := "12_PKAAA_SEQ".nextval;
11_PKA_Trig	BEFORE EACH ROW	INSERT	HR	LOCATIONS	TABLE	ENABLED	BEGIN :new."LOCATION_ID" := "11_PKAAA_SEQ".nextval
10_PKA_Trig	BEFORE EACH ROW	INSERT	HR	JOB_HISTORY	TABLE		BEGIN :new."EMPLOYEE_ID" := "10_PKAAA_SEQ".nextval
9_PKA_Trig	BEFORE EACH ROW	INSERT	HR	INSTALLMENTS_PAID	TABLE	ENABLED	BEGIN :new."INSTALLMENT_ID" := "9_PKAAA_SEQ".nextv
8_PKA_Trig	BEFORE EACH ROW	INSERT	HR	EMPS2	TABLE	ENABLED	BEGIN :new."EMP_ID" := "8 PKAAA SFO".nextval: FND:

4-TEST BY INSERT NEW DEPARTMENT

