App Builder ⌄   **SQL Workshop** ⌄   Team Development ⌄   App Gallery ⌄   🔍 👤 ❓   AS   Alexander Smir...

↑ SQL Scripts \ **Results**

Script: **hw4** ⓘ   Status: **Complete** ⓘ   Create App   Edit Script

View: ◯ **Detail** ◯ Summary ⓘ   Show: ✓ **Statement** ✓ **Results** ✓ **Feedback** ⓘ   Go

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```
create table DEPT1 (      DEPTNO number(3,0) not null enable,      DNAME  varchar2(50),      LOC    varchar2(50),      constraint
DEPT1_PK primary key (DEPTNO)      using index enable  )  organization index
```

Table created. 0.06 seconds

```
create sequence DEPT1_SEQ      start with 10      increment by 10      maxvalue 9000      minvalue 1      cache 20      nocycle
```

Sequence created. 0.02 seconds

```
create or replace trigger DEPT1_TRG1      before insert on dept1      for each row      begin      if :new.deptno is null then
select dept1_seq.nextval            into :new.deptno            from sys.dual;      end if;    end;
```

Trigger created. 0.08 seconds

```
insert into dept1(dname, loc) values('RESEARCH',    'DALLAS')
```

1 row(s) inserted. 0.04 seconds

```
insert into dept1(dname, loc) values('SALES',      'CHICAGO')
```

1 row(s) inserted. 0.01 seconds

```
insert into dept1(dname, loc) values('OPERATIONS', 'BOSTON')
```

1 row(s) inserted. 0.00 seconds

```
select * from dept1
```

DEPTNO	DNAME	LOC
10	RESEARCH	DALLAS
20	SALES	CHICAGO
30	OPERATIONS	BOSTON

3 rows selected. 0.01 seconds

```
drop table dept1
```

Table dropped. 0.96 seconds

```
drop sequence dept1_seq
```

Sequence dropped. 0.03 seconds

```
create table DEPT1 (      DEPTNO number(3,0) not null enable,      DNAME  varchar2(50),      LOC    varchar2(50),      constraint
DEPT1_PK primary key (DEPTNO)      using index enable  )  organization index
```

Table created. 0.04 seconds

```
create or replace trigger DEPT1_TRG1      before insert on dept1      for each row      declare      cnt    number;      max_num
number;    begin      select count(*) into cnt from dept1;      if cnt = 0 then            :new.deptno := 10;      else
select max(deptno) into max_num from dept1;      :new.deptno := max_num + 10;      end if;    end;
```

Trigger created. 0.07 seconds

```
insert into dept1(dname, loc) values('RESEARCH',    'DALLAS')
```

1 row(s) inserted. 0.04 seconds

```
insert into dept1(dname, loc) values('SALES',      'CHICAGO')
```

1 row(s) inserted. 0.00 seconds

```
insert into dept1(dname, loc) values('OPERATIONS', 'BOSTON')
```

1 row(s) inserted. 0.00 seconds

```
select * from dept1
```

DEPTNO	DNAME	LOC
10	RESEARCH	DALLAS
20	SALES	CHICAGO
30	OPERATIONS	BOSTON

3 rows selected. 0.01 seconds

```
drop table dept1
```

Table dropped. 0.52 seconds

```
create table DEBUG_LOG (     ID          number(4,0) not null enable,     LOG_TIME     date,     MESSAGE     varchar2(50),
IN_SOURCE    varchar2(50),     constraint DEBUG_LOG_PK primary key (ID)     using index enable  )  organization index
```

Table created. 0.05 seconds

```
create sequence DEBUG_LOG_SEQ     start with 1     increment by 1     maxvalue 9999     minvalue 1     cache 20     nocycle
```

Sequence created. 0.02 seconds

```
create or replace procedure log_info     (in_info_msg in varchar2,     in_source in varchar2   )     is          PRAGMA
AUTONOMOUS_TRANSACTION;     begin          insert into debug_log(id, log_time, message, in_source)          values(debug_log_seq.nextval,
sysdate, in_info_msg, in_source);          commit;     exception          when others then          return;     end log_info;
```

Procedure created. 0.09 seconds

```
create or replace trigger CREATE_TRG1     before create on furiousteabag.schema     begin          log_info(ora_dict_obj_type || ' ' ||
ora_dict_obj_name, 'CREATE_TRG1');     end;
```

Trigger created. 0.03 seconds

```
create or replace trigger DROP_TRG1     before drop on furiousteabag.schema     begin          log_info(ora_dict_obj_type || ' ' ||
ora_dict_obj_name, 'DROP_TRG1');     end;
```

Trigger created. 0.06 seconds

```
create or replace trigger ALTER_TRG1     before alter on furiousteabag.schema     begin          log_info(ora_dict_obj_type || ' ' ||
ora_dict_obj_name, 'ALTER_TRG1');     end;
```

Trigger created. 0.02 seconds

```
create table DEPT1 (     DEPTNO number(3,0) not null enable,     DNAME  varchar2(50),     LOC    varchar2(50),     constraint
DEPT1_PK primary key (DEPTNO)     using index enable  )  organization index
```

Table created. 0.04 seconds

```
create sequence DEPT1_SEQ     start with 10     increment by 10     maxvalue 9000     minvalue 1     cache 20     nocycle
```

Sequence created. 0.01 seconds

```
create or replace trigger DEPT1_TRG1     before insert on dept1     for each row     begin     if :new.deptno is null then
select dept1_seq.nextval          into :new.deptno          from sys.dual;     end if;     end;
```

Trigger created. 0.08 seconds

```
drop table dept1
```

Table dropped. 0.55 seconds

```
drop sequence dept1_seq
```

Sequence dropped. 0.03 seconds

```
select * from debug_log
```

ID	LOG_TIME	MESSAGE	IN_SOURCE
1	10/14/2020	TRIGGER DROP_TRG1	CREATE_TRG1
2	10/14/2020	TRIGGER ALTER_TRG1	CREATE_TRG1
3	10/14/2020	TABLE DEPT1	CREATE_TRG1
4	10/14/2020	INDEX DEPT1_PK	CREATE_TRG1
5	10/14/2020	SEQUENCE DEPT1_SEQ	CREATE_TRG1
6	10/14/2020	TRIGGER DEPT1_TRG1	CREATE_TRG1
7	10/14/2020	TABLE DEPT1	DROP_TRG1
8	10/14/2020	SEQUENCE DEPT1_SEQ	DROP_TRG1

8 rows selected. 0.00 seconds

```
select * from user_triggers
```

TRIGGER_NAME	TRIGGER_TYPE	TRIGGERING_EVENT	TABLE_OWNER	BASE_OBJECT_TYPE	TABLE_NAME	COLUMN_NAME	REFERENCING_NAMES
DEPT_TRG1	BEFORE EACH ROW	INSERT	FURIOUSTEABAG	TABLE	DEPT	-	REFERENCING NEW AS NEW OLD AS OLD
EMP_TRG1	BEFORE EACH ROW	INSERT	FURIOUSTEABAG	TABLE	EMP	-	REFERENCING NEW AS NEW OLD AS OLD
ALTER_TRG1	BEFORE EVENT	ALTER	FURIOUSTEABAG	SCHEMA	-	-	REFERENCING NEW AS NEW OLD AS OLD
CREATE_TRG1	BEFORE EVENT	CREATE	FURIOUSTEABAG	SCHEMA	-	-	REFERENCING NEW AS NEW OLD AS OLD
DROP_TRG1	BEFORE EVENT	DROP	FURIOUSTEABAG	SCHEMA	-	-	REFERENCING NEW AS NEW OLD AS OLD

5 rows selected. 0.00 seconds

```
drop trigger create_trg1
```

Trigger dropped. 0.02 seconds

```
drop trigger drop_trg1
```

Trigger dropped. 0.02 seconds

```
drop trigger alter_trg1
```

Trigger dropped. 0.02 seconds

```
drop sequence debug_log_seq
```

Sequence dropped. 0.03 seconds

```
drop table debug_log
```

Table dropped. 0.49 seconds

Run By	RU.ALEXANDER.SMIRNOV@GMAIL.COM

Parsing Schema	FURIOUSTEABAG
Script Started	Wednesday, October 14, 2020
	14 seconds ago
Elapsed time	3.58 seconds
Statements Processed	34
Successful	34
With Errors	0

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