---- Sequences --

--1. create a sequence which generates number from 250 to 500 and it should increment by 2

create sequence onkar_250

increment by 2

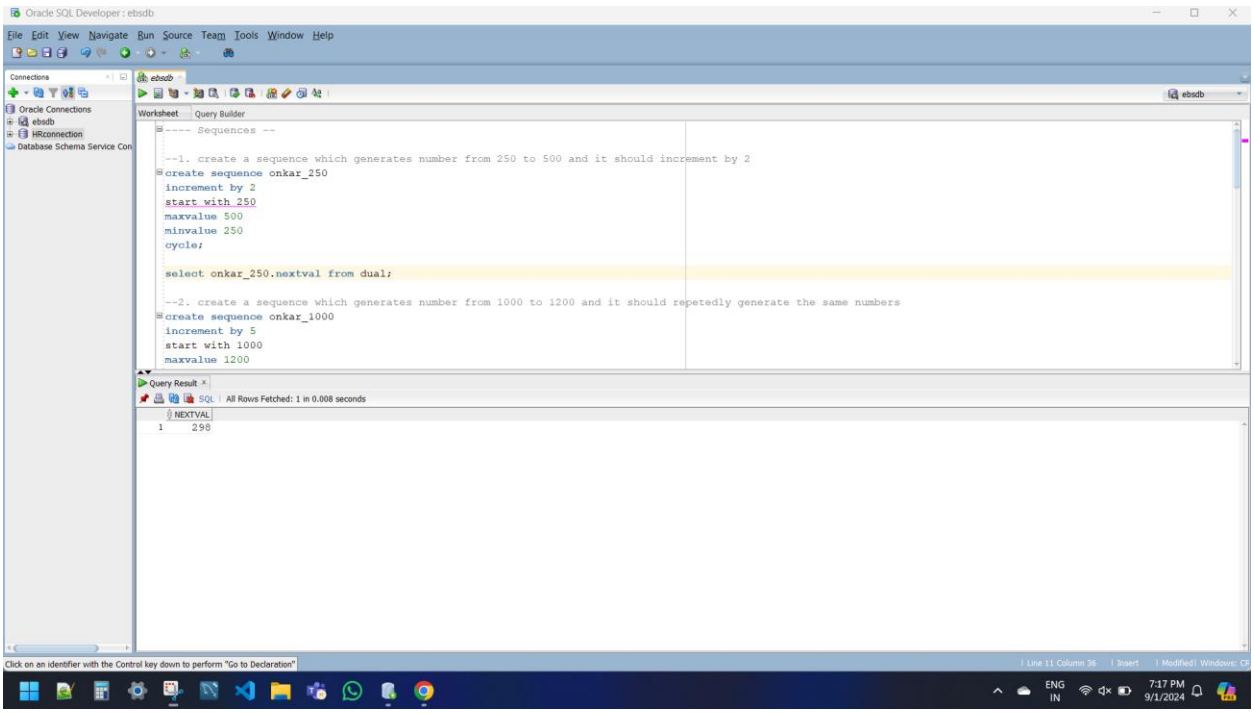
start with 250

maxvalue 500

minvalue 250

cycle;

select onkar_250.nextval from dual;



--2. create a sequence which generates number from 1000 to 1200 and it should repetedly generate the same numbers

create sequence onkar_1000

increment by 5

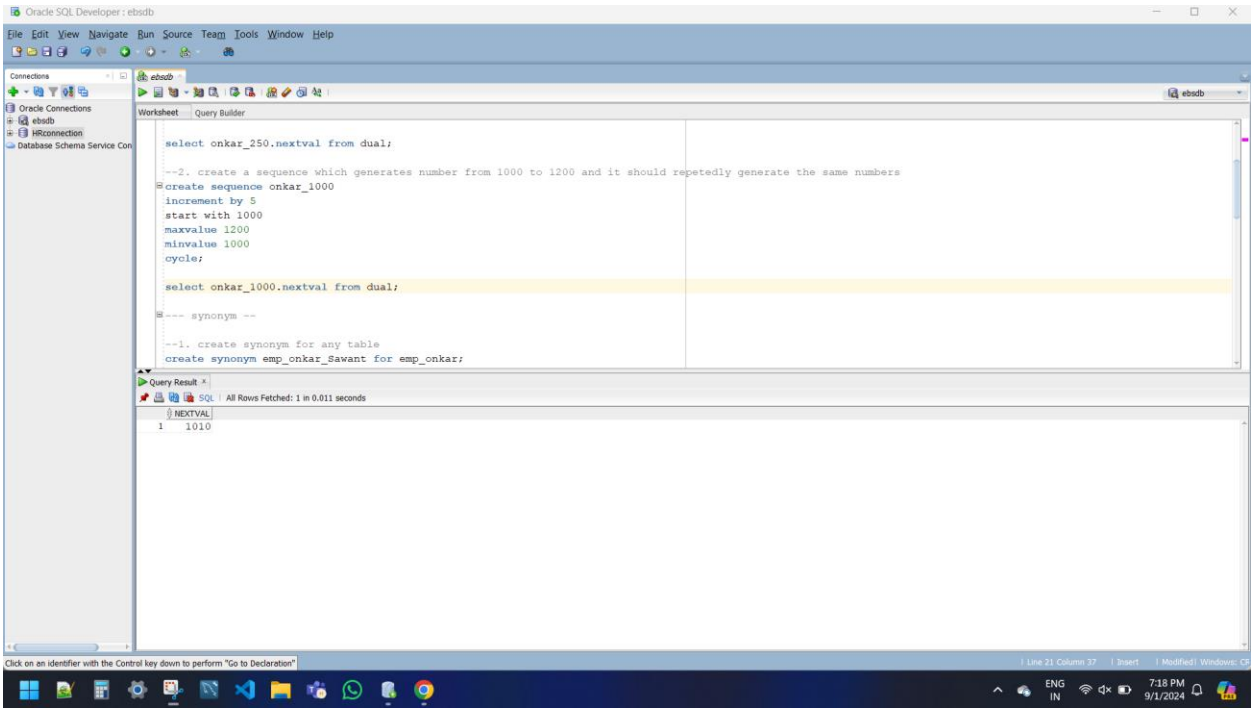
start with 1000

maxvalue 1200

minvalue 1000

cycle;

select onkar_1000.nextval from dual;

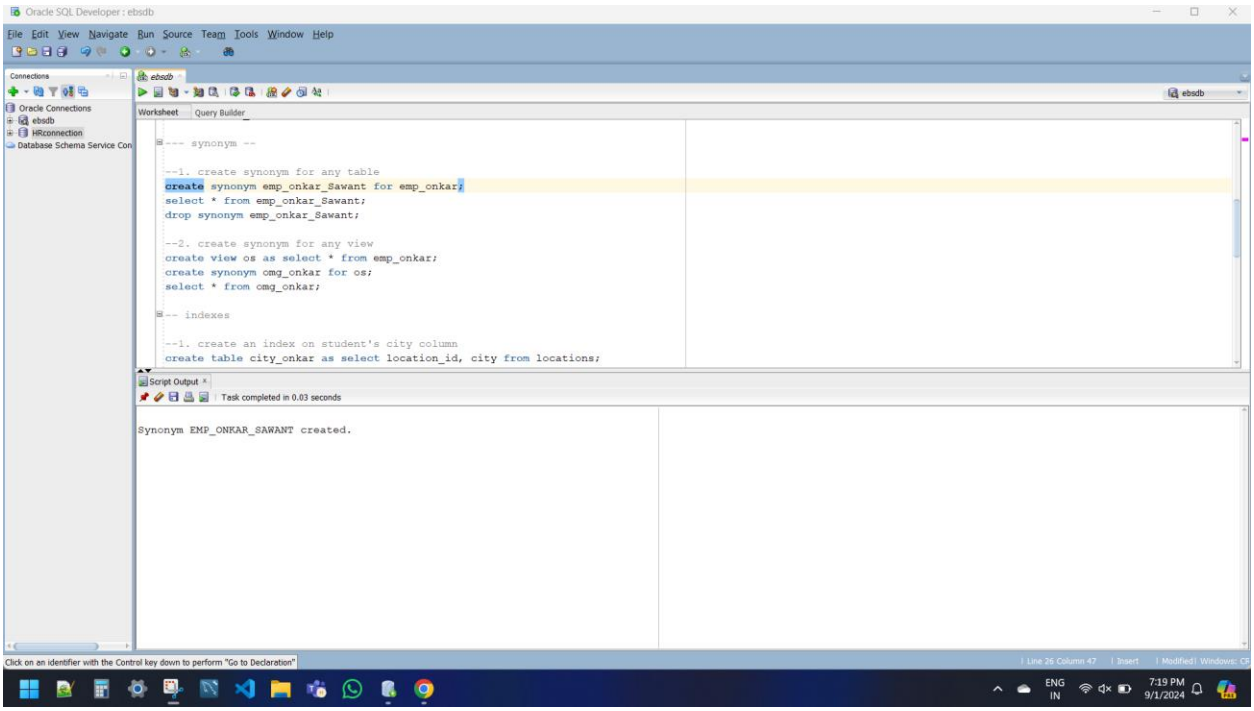


--- synonym --

--1. create synonym for any table

create synonym emp_onkar_Sawant for emp_onkar;

select * from emp_onkar_Sawant;

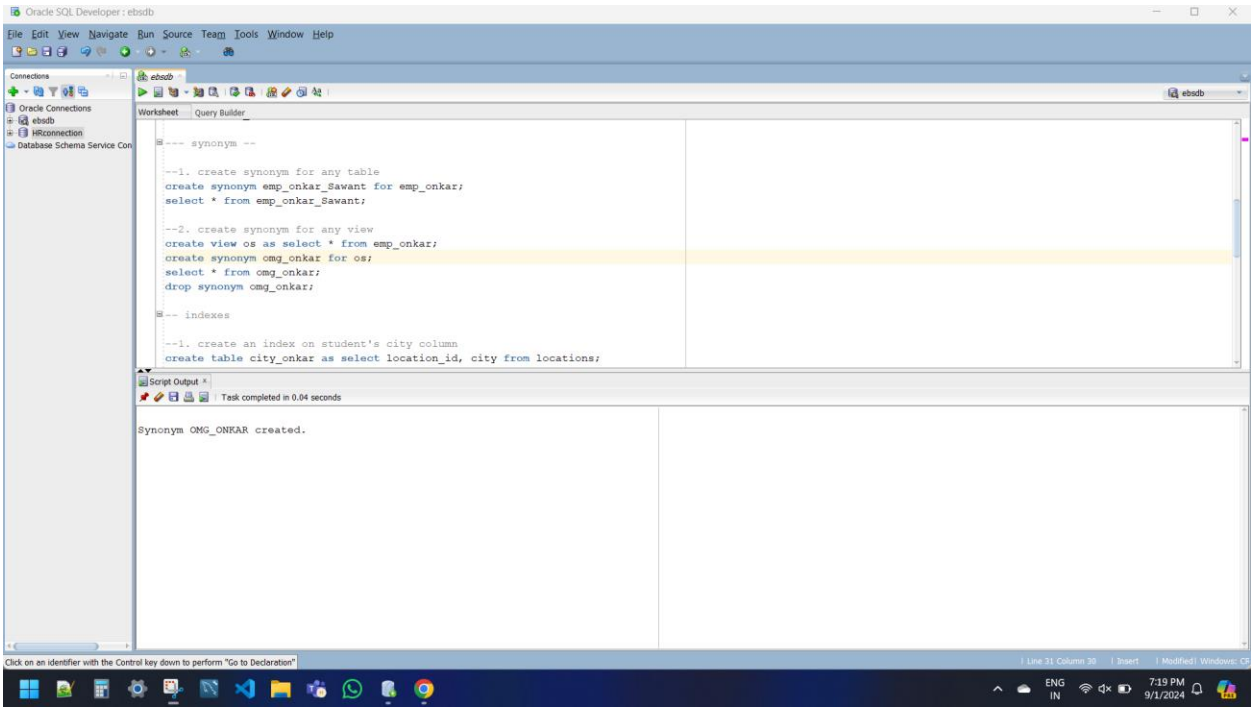


--2. create synonym for any view

create view os as select * from emp_onkar;

create synonym omg_onkar for os;

select * from omg_onkar;



-- indexes

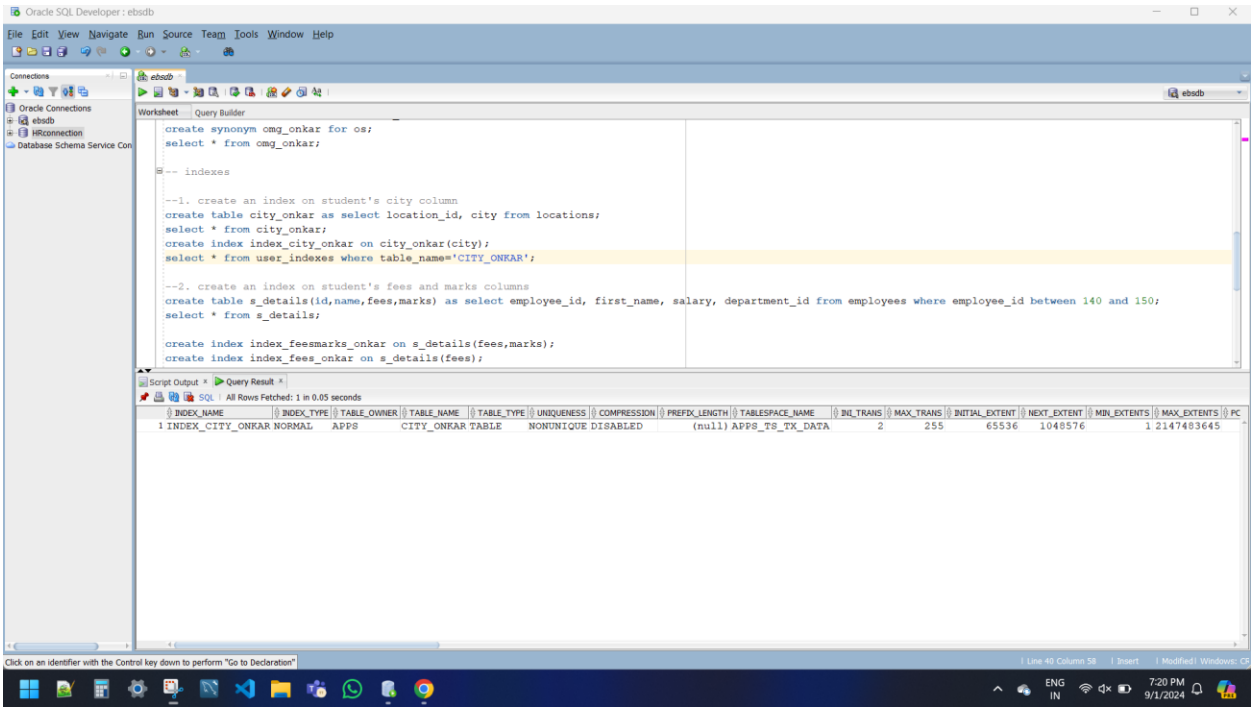
--1. create an index on student's city column

create table city_onkar as select location_id, city from locations;

select * from city_onkar;

create index index_city_onkar on city_onkar(city);

select * from user_indexes where table_name='CITY_ONKAR';



--2. create an index on student's fees and marks columns

create table s_details(id,name,fees,marks) as select employee_id, first_name, salary, department_id from employees where employee_id between 140 and 150;

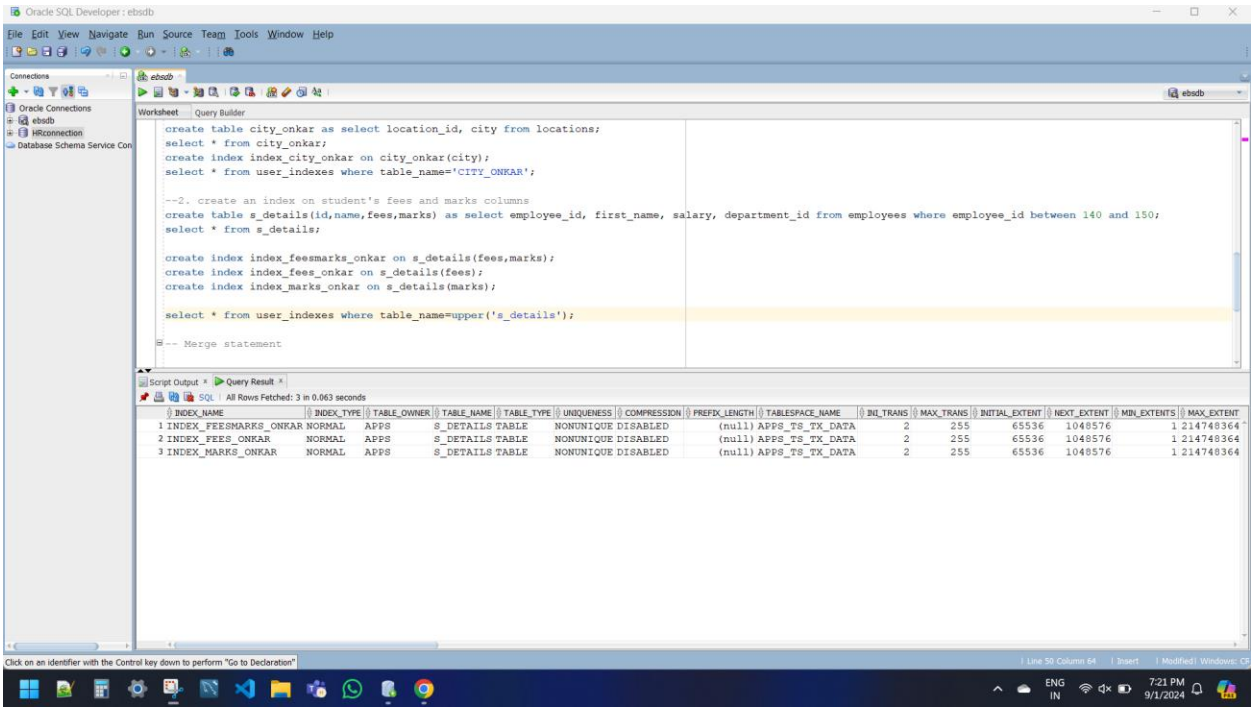
select * from s_details;

create index index_feesmarks_onkar on s_details(fees,marks);

create index index_fees_onkar on s_details(fees);

create index index_marks_onkar on s_details(marks);

select * from user_indexes where table_name=upper('s_details');



-- Merge statement

--1. write a query to make dept_copy table same as department master table

create table dept_onkar as select * from departments;

create table dept_copy as select * from dept_onkar where 1=2;

select * from dept_onkar;

select * from dept_copy;

insert into dept_copy select * from departments where department_id IN (10,20);

merge into dept_copy cd

using dept_onkar d

on (cd.department_id=d.department_id)

when not matched then

insert(cd.department_id,cd.department_name,cd.manager_id,cd.location_id)

values(d.department_id,d.department_name,d.manager_id,d.location_id);