DBMS ASSIGNMENT 1 (Cognitive disorders among senior citizens)

Requirements and Gathering:-

There are 5 tables needed to be created

Table1:-Senior citizen personal data table which includes the attributes “the id of the senior citizen, their name, their gender, their age, their phone number

Table2:About their medical history which includes medical id ,the number of surgeries undergone by them, the medication which was previously followed by them.

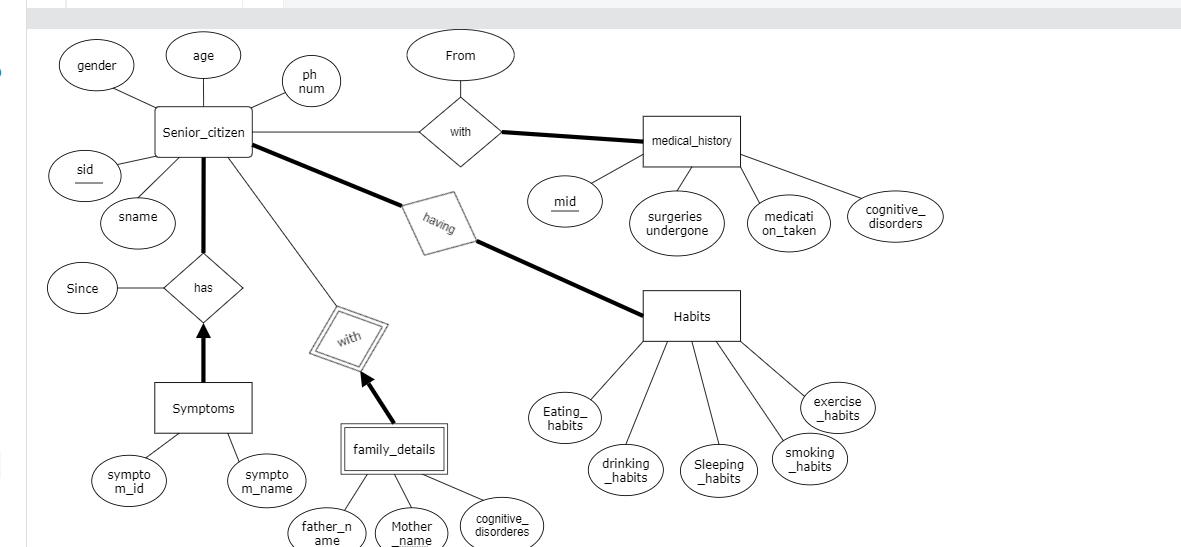
Table3:About the symptoms they’ve undergone which involves the attributes like symptom id, description about the symptom, the time duration from when the symptoms were encountered.

Table4:About their daily habits which involve their eating habits, exercise habits, sleeping pattern, drinking and smoking habits.



Table5:About the family history which includes whether some one from his/h bloodline have undergone any severe or the same diseases as they.

ER DIAGRAM:-



DDL OPERATIONS:

Table senior citizens:-

create table senior\_citizens(

2 sid number(5),

3 sname varchar2(20),

4 age number(3),

5 gender varchar2(8),

6 mobile number(10));

Table Medical history :-

create table medical\_history(

2 mid number(5),

3 surgeries number(3),

4 medication\_taken varchar2(5));

Table Habits:-

create table habits(

2 eating\_habits varchar2(10),

3 sleeping\_habits varchar2(10),

4 exercise\_habits varchar2(10),

5 drinking\_habits varchar2(10),

6 smoking\_habits varchar2(10));

Table family history:-

create table family\_details(

2 father\_name varchar2(20),

3 mother\_name varchar2(20),

4 cognitive\_disorders varchar2(20),

5 sid number(5),

6 primary key(father\_name,mother\_name,sid),

7 foreign key(sid) references senior\_citizens on delete cascade);

Table Symptoms:-

create table symptoms(

2 symptom\_id number(10),

3 symptom\_name varchar2(10));

Relationship between citizen and medical history:-

create table senior\_medical(

2 sid number(5),

3 mid number(5),

4 fromt date,

5 primary key(sid,mid),

6 foreign key(sid) references senior\_citizens,

7 foreign key (mid) references medical\_history);

Relationship between citizen and symptoms:-

create table senior\_symptoms(

2 sid number(5),

3 symptom\_id number(5),

4 since date,

5 primary key(sid,symptom\_id),

6 foreign key(sid) references senior\_citizens,

7 foreign key(symptom\_id) references symptoms);

Relationship between citizen and their habits:-

create table senior\_having\_habits(

2 sid number(5),

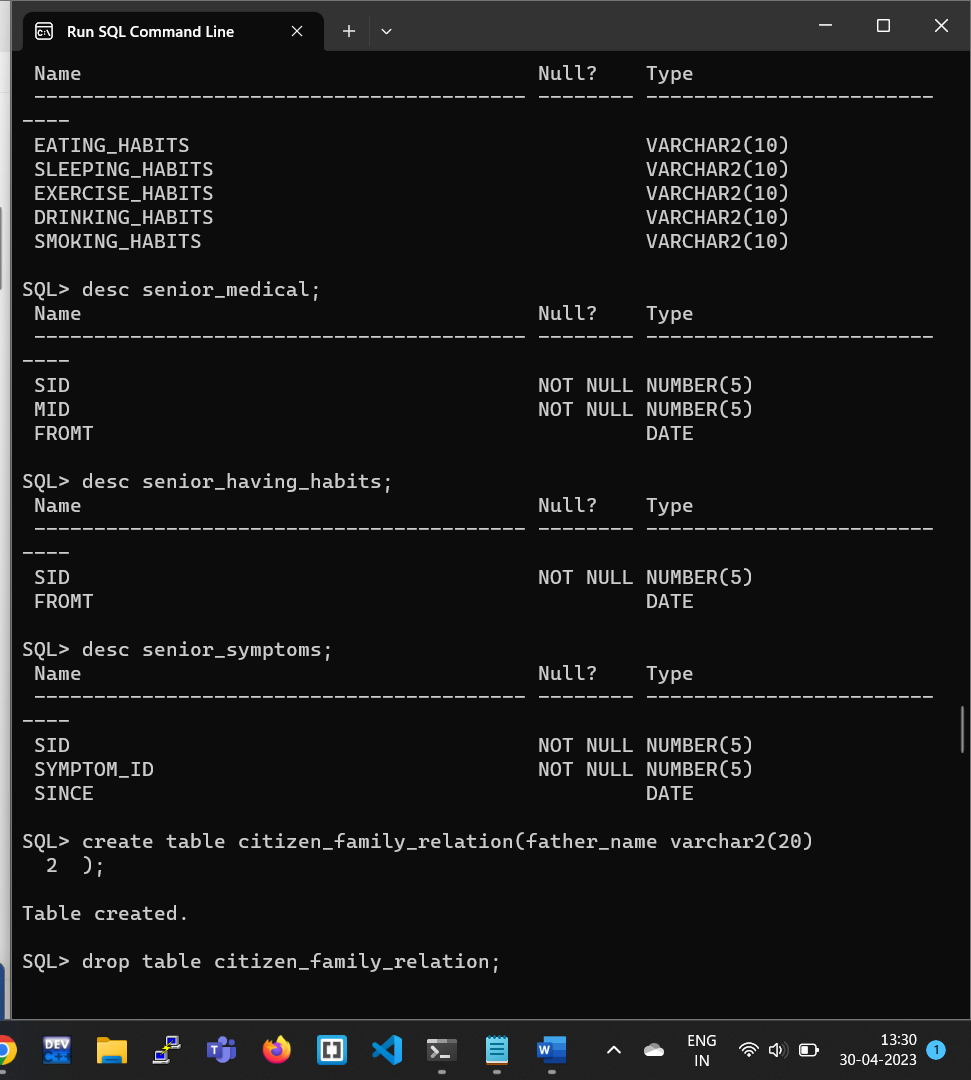
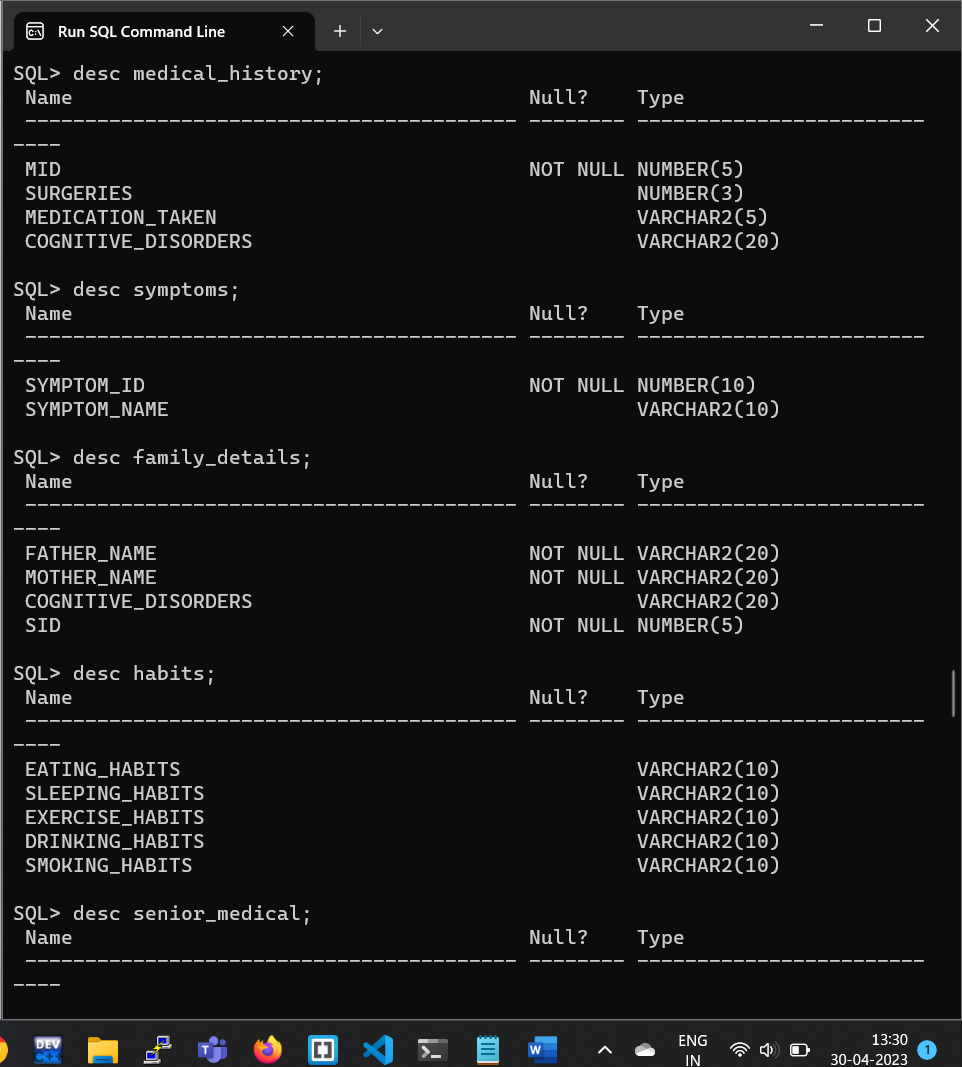
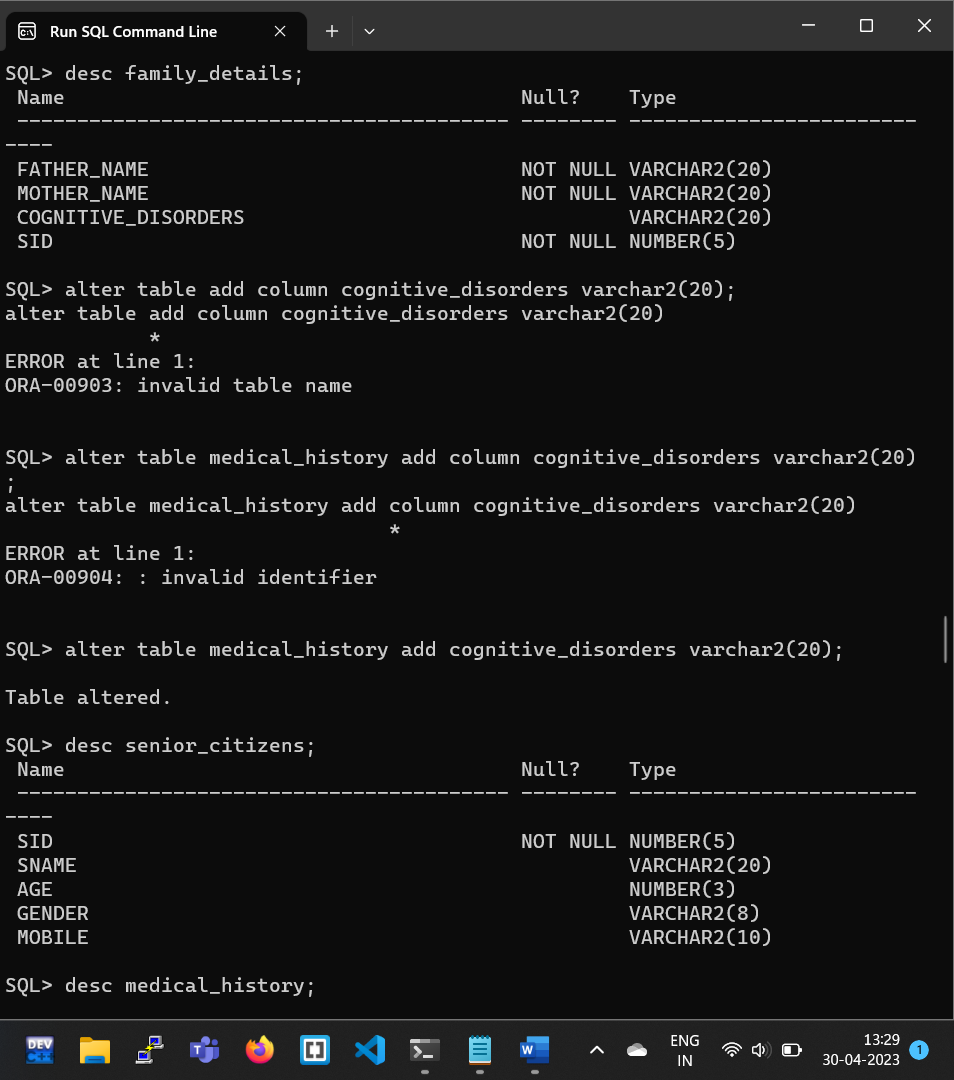
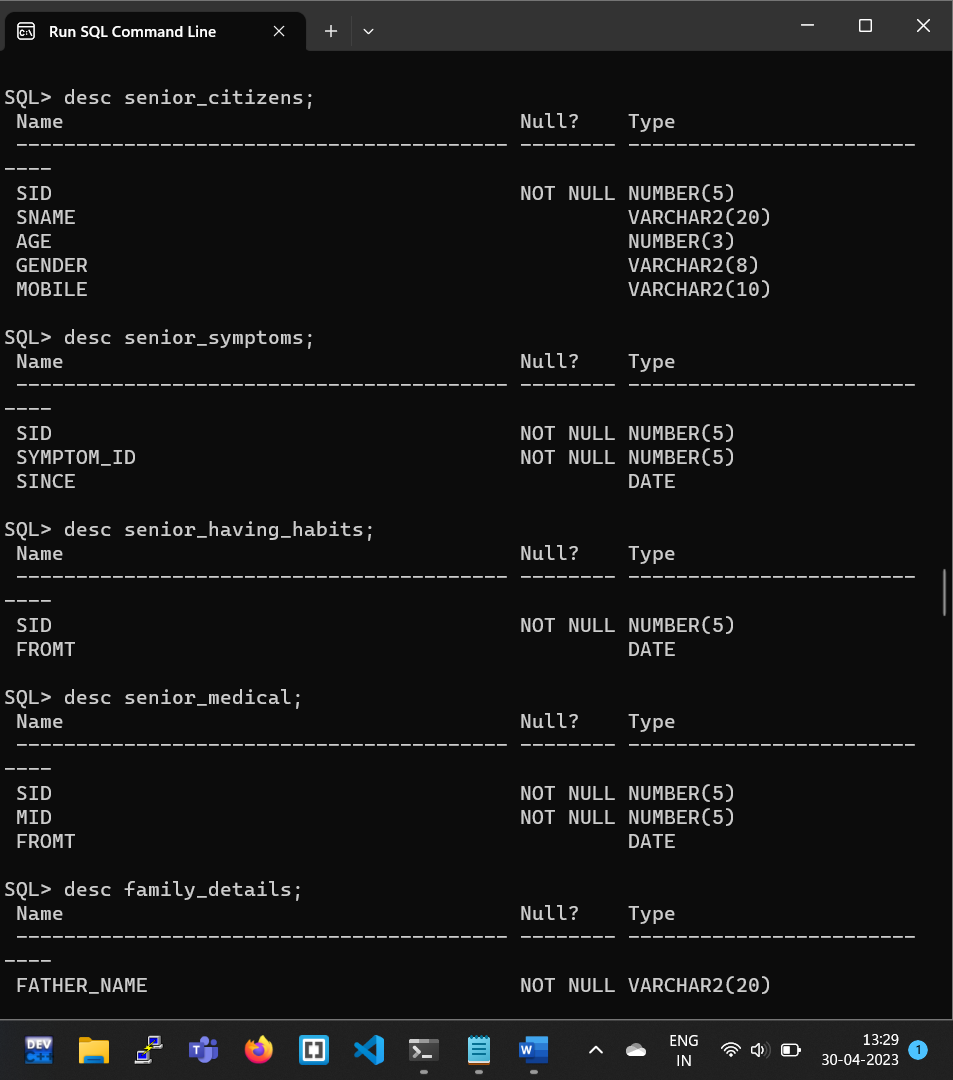
3 fromt date,

4 primary key(sid),

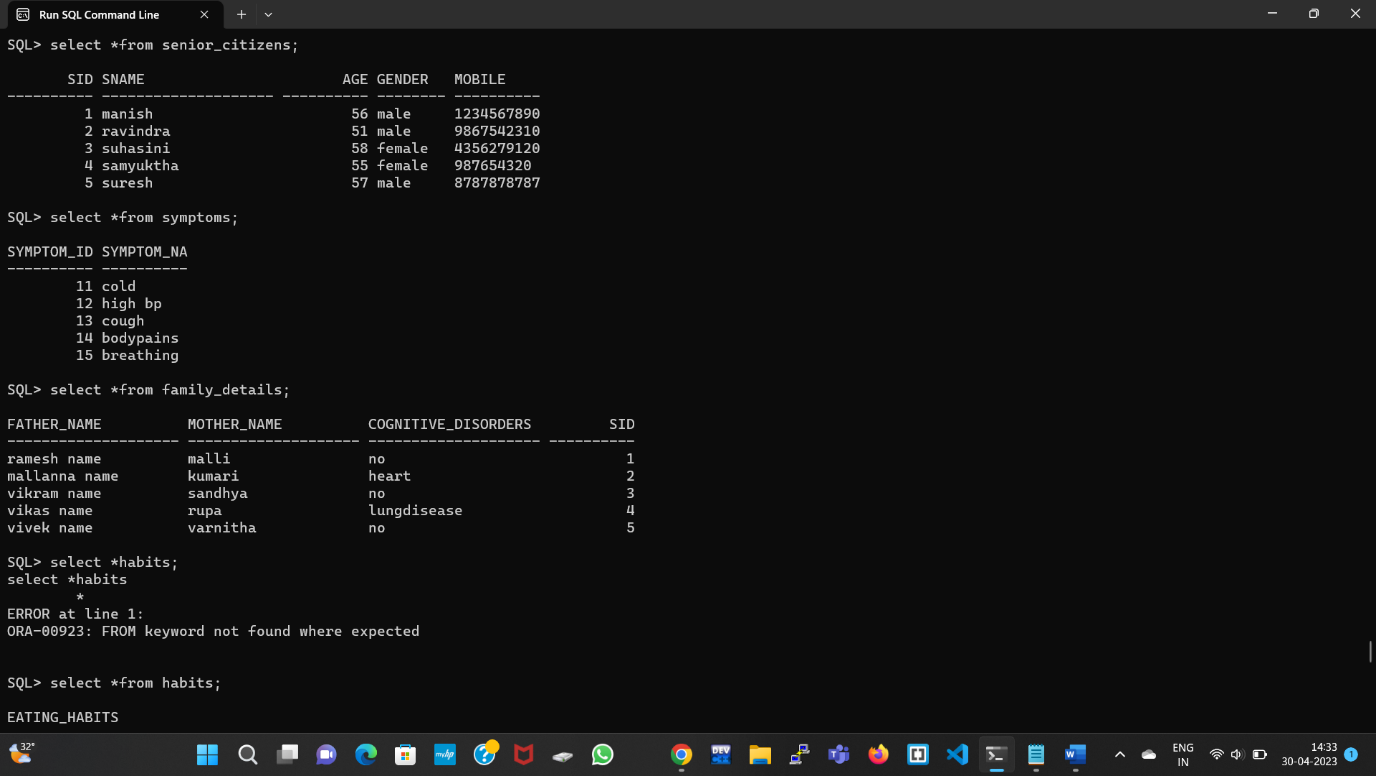
5 foreign key(sid) references senior\_citizens on delete cascade);

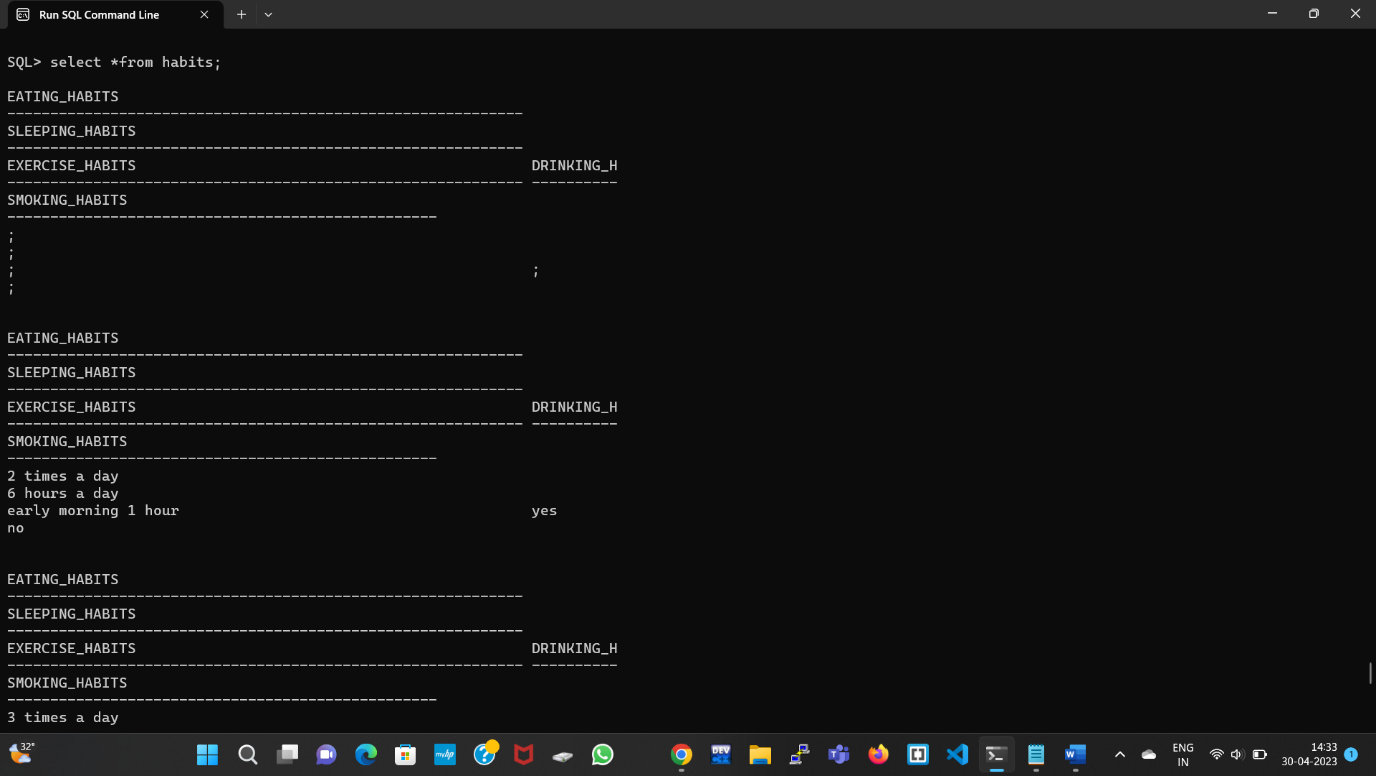
Screenshots:-

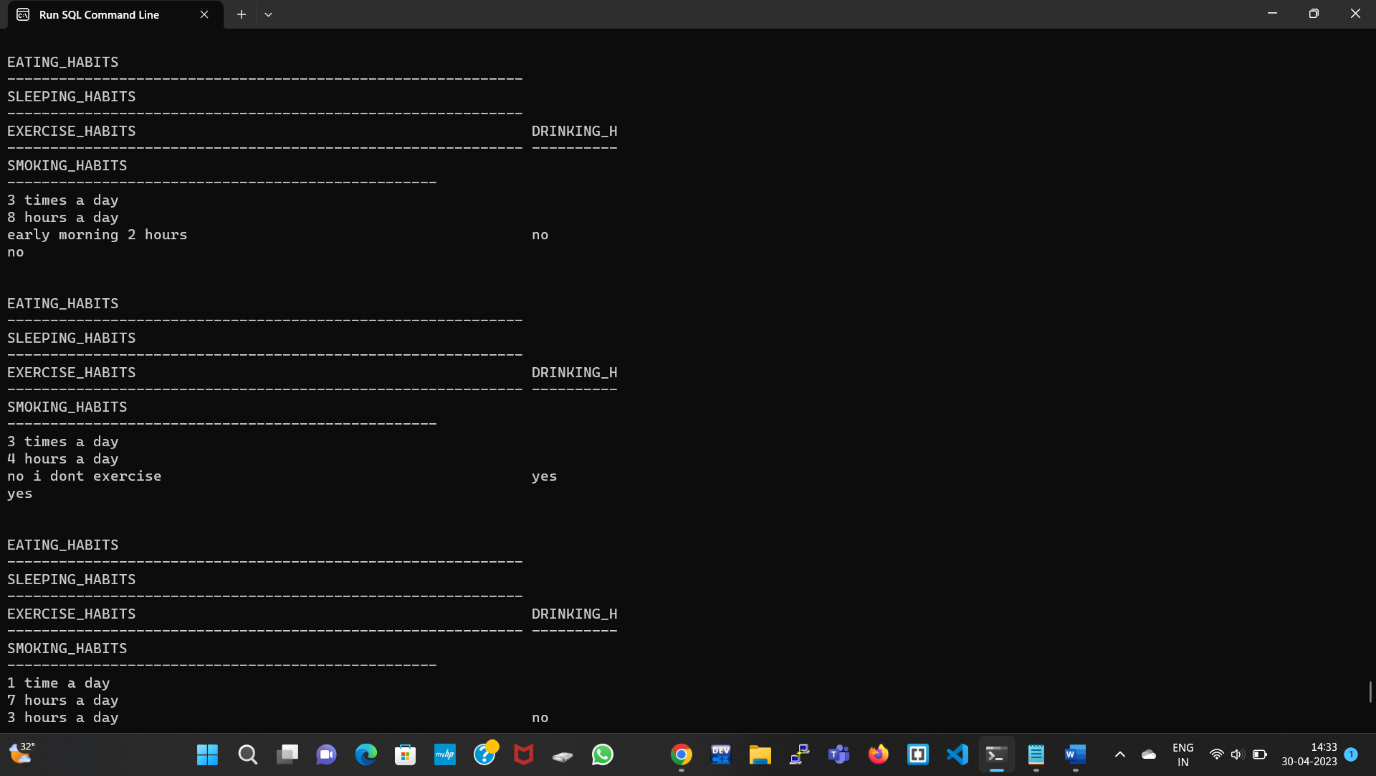
Ddl operations:-

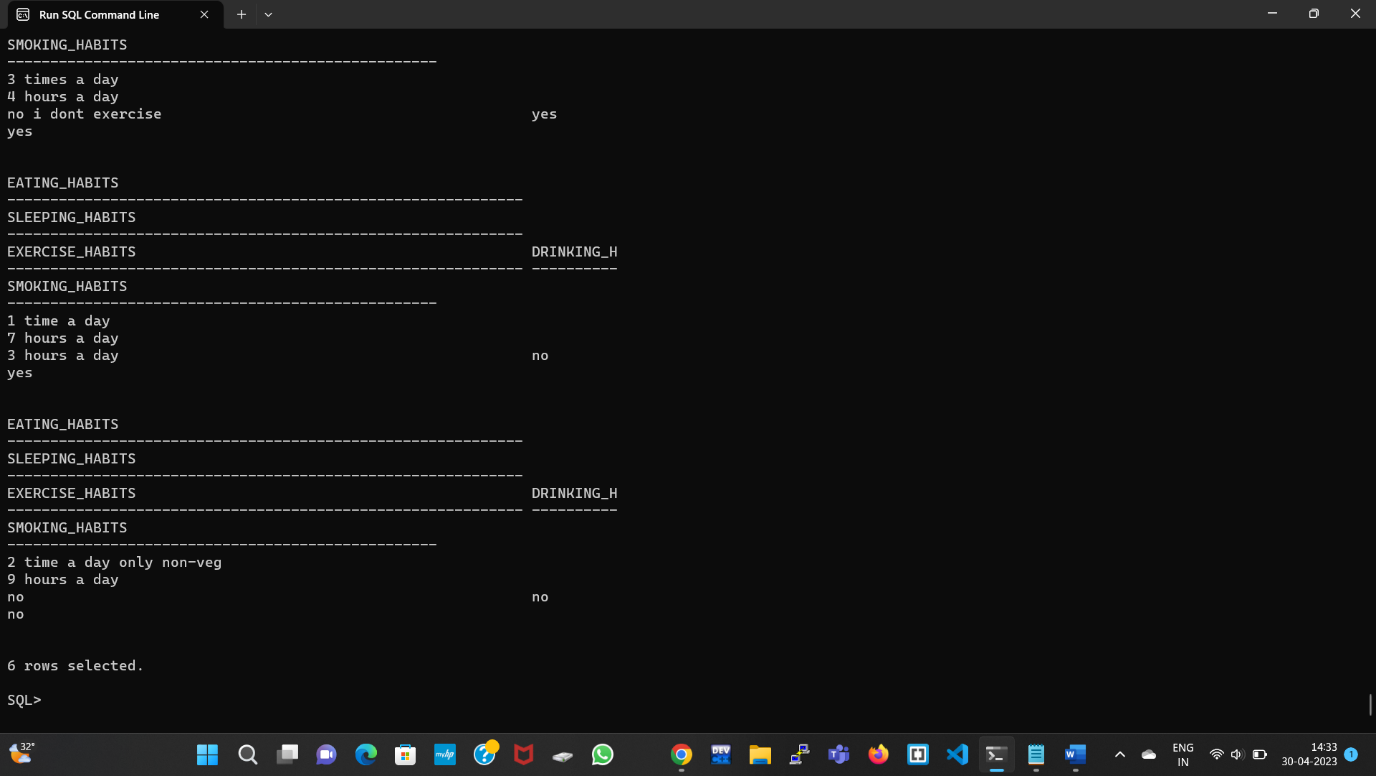


DML operations:-

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