**STEP-I-INTERNSHIP -TASK-2 (SQL)**

**DHRUVI PATEL**

1. **Create a table named ‘matches’ with appropriate data types for columns**

CREATE TABLE IPL\_MATCH (

ID NUMBER(7),

CITY VARCHAR2(18),

M\_DATE DATE,

PLAYER\_OF\_MATCH VARCHAR2(18),

VENUE VARCHAR2(18),

NEUTRAL\_VENUE VARCHAR2(18),

TEAM1 VARCHAR2(35),

TEAM2 VARCHAR2(35),

TOSS\_WINNER VARCHAR2(35),

TOSS\_DECISION VARCHAR2(35),

WINNER VARCHAR2(35),

RESULT VARCHAR2(15),

RESULT\_MARGIN NUMBER(5),

ELIMINATOE VARCHAR2(35),

UMPIRE1 VARCHAR2(35),

UMPIRE2 VARCHAR2(35)

);

1. **Create a table named ‘deliveries’ with appropriate data types for columns**

CREATE TABLE DELIVERIES(

INNING NUMBER(7),

M\_DATE DATE,

OVER NUMBER(3),

BALL NUMBER(3),

BATSMAN VARCHAR2(18),

NON\_STRIKER VARCHAR2(18),

BOWLER VARCHAR2(18),

BATSMAN\_RUNS NUMBER(7),

EXTRA\_RUNS NUMBER(7),

TOTAL\_RUNS NUMBER(7),

ISWICKET VARCHAR2(25),

DISMISSAL\_KIND VARCHAR2(15),

PLAYER\_DISMISSED VARCHAR2(18),

FIELDER VARCHAR2(18),

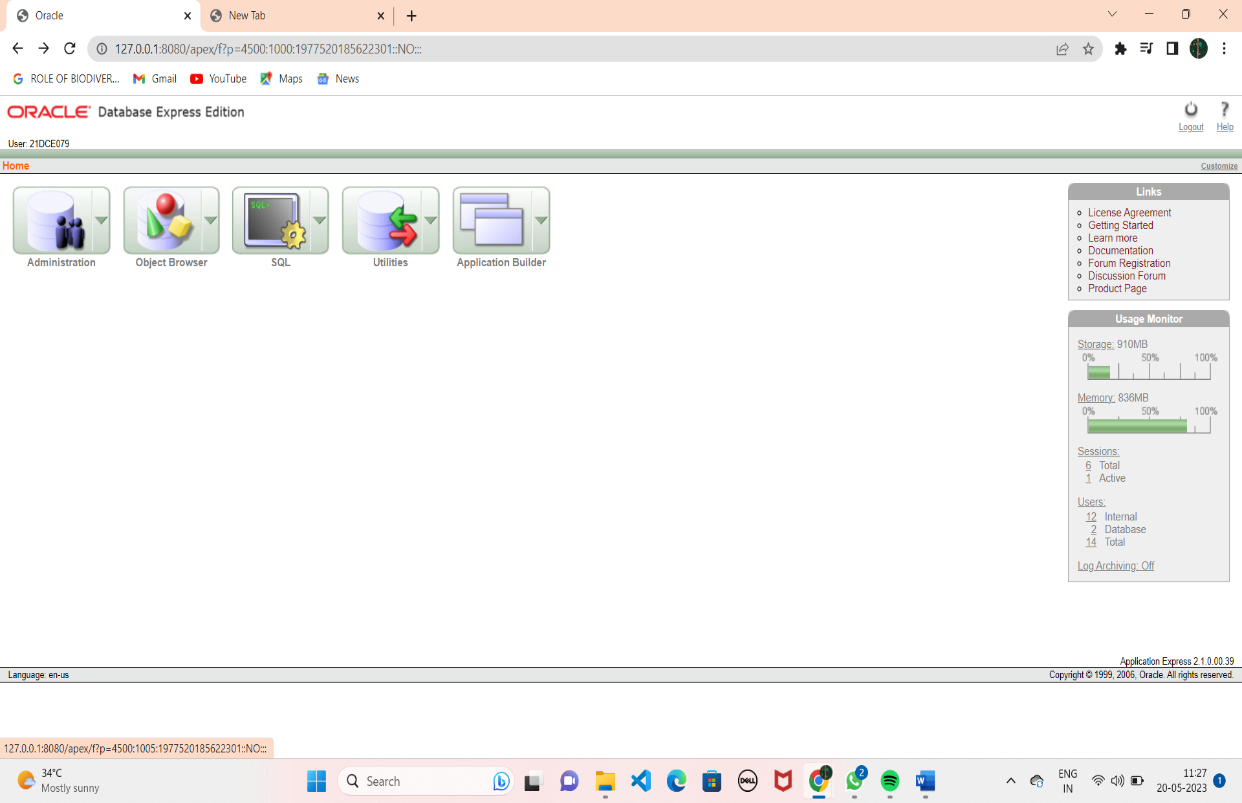
EXTRAS\_TYPE VARCHAR2(18),

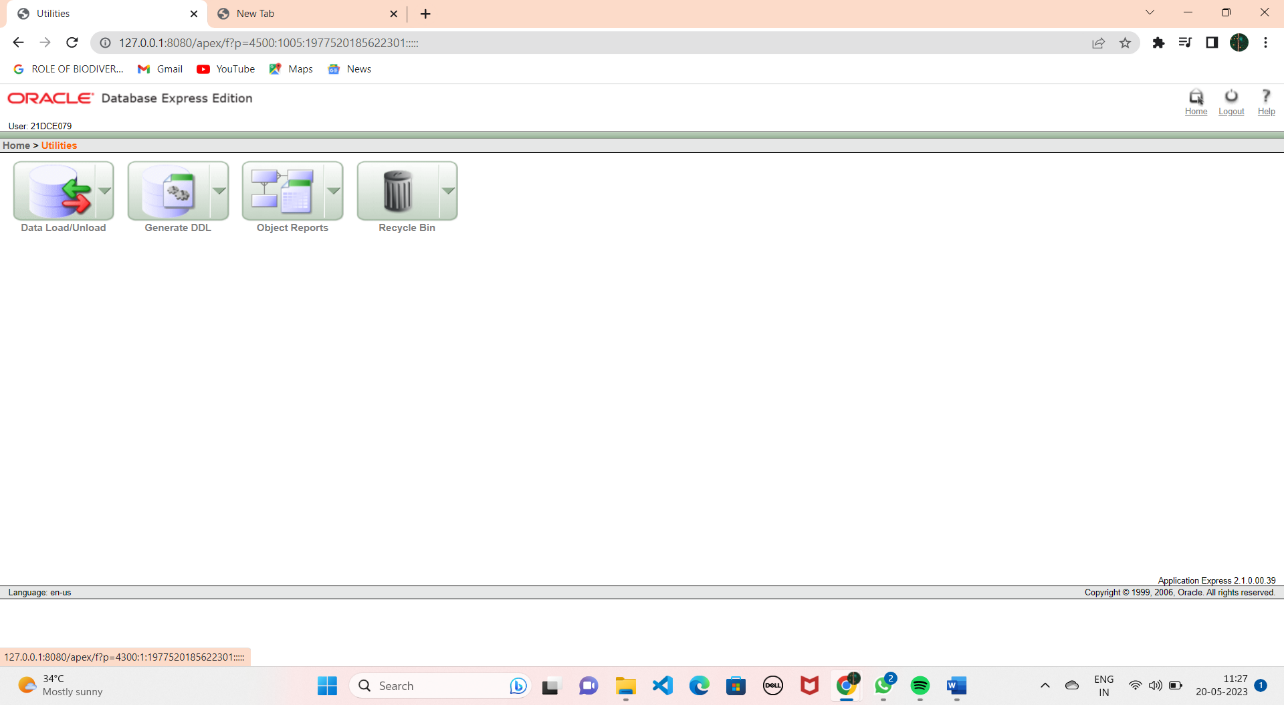
BATTING\_TEAM VARCHAR2(35),

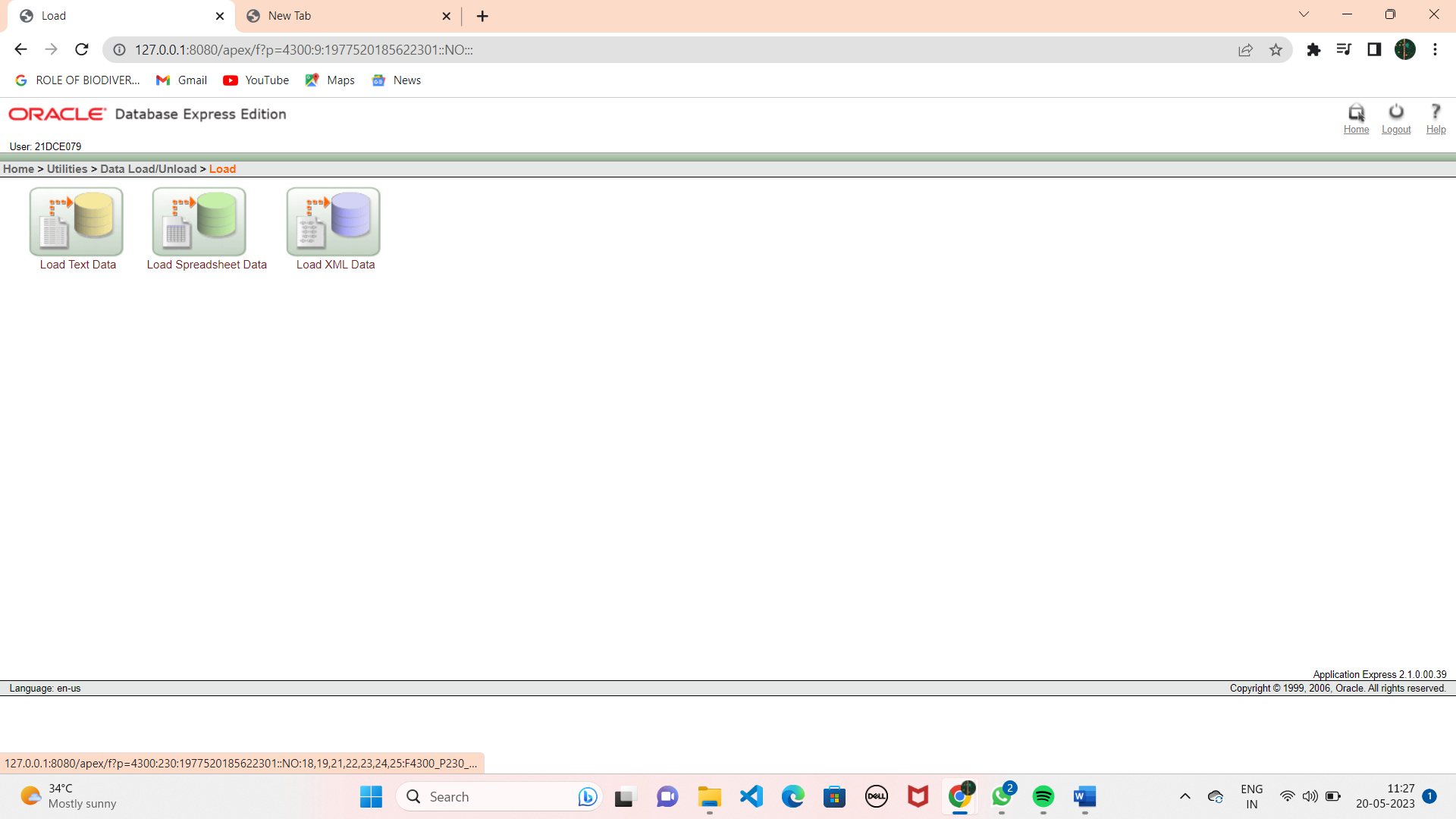
BOWLING\_TEAM VARCHAR2(35)

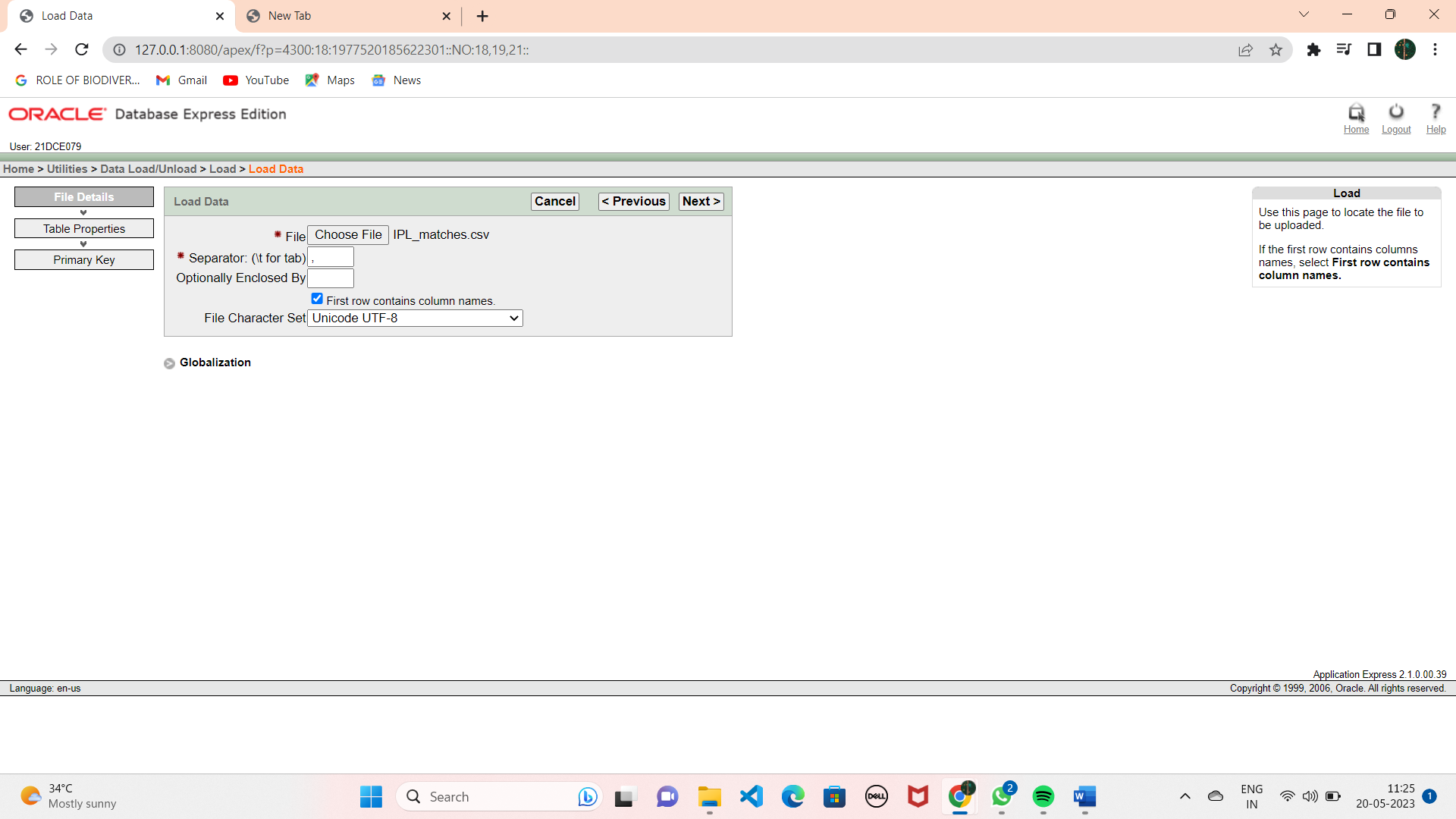
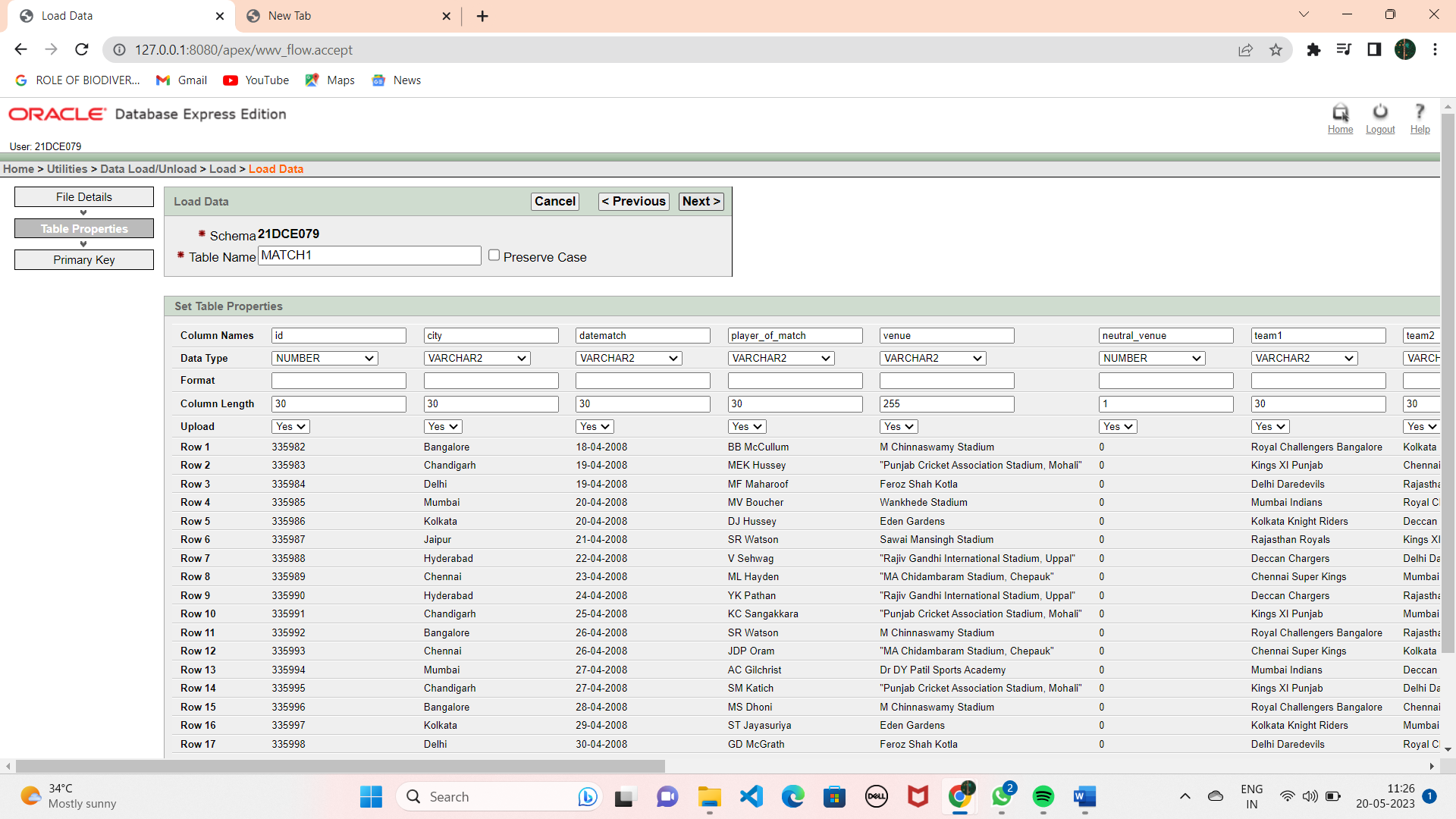
);

**3 . Import data from CSV file ’IPL\_matches.csv’ attached in resources to ‘matches’**



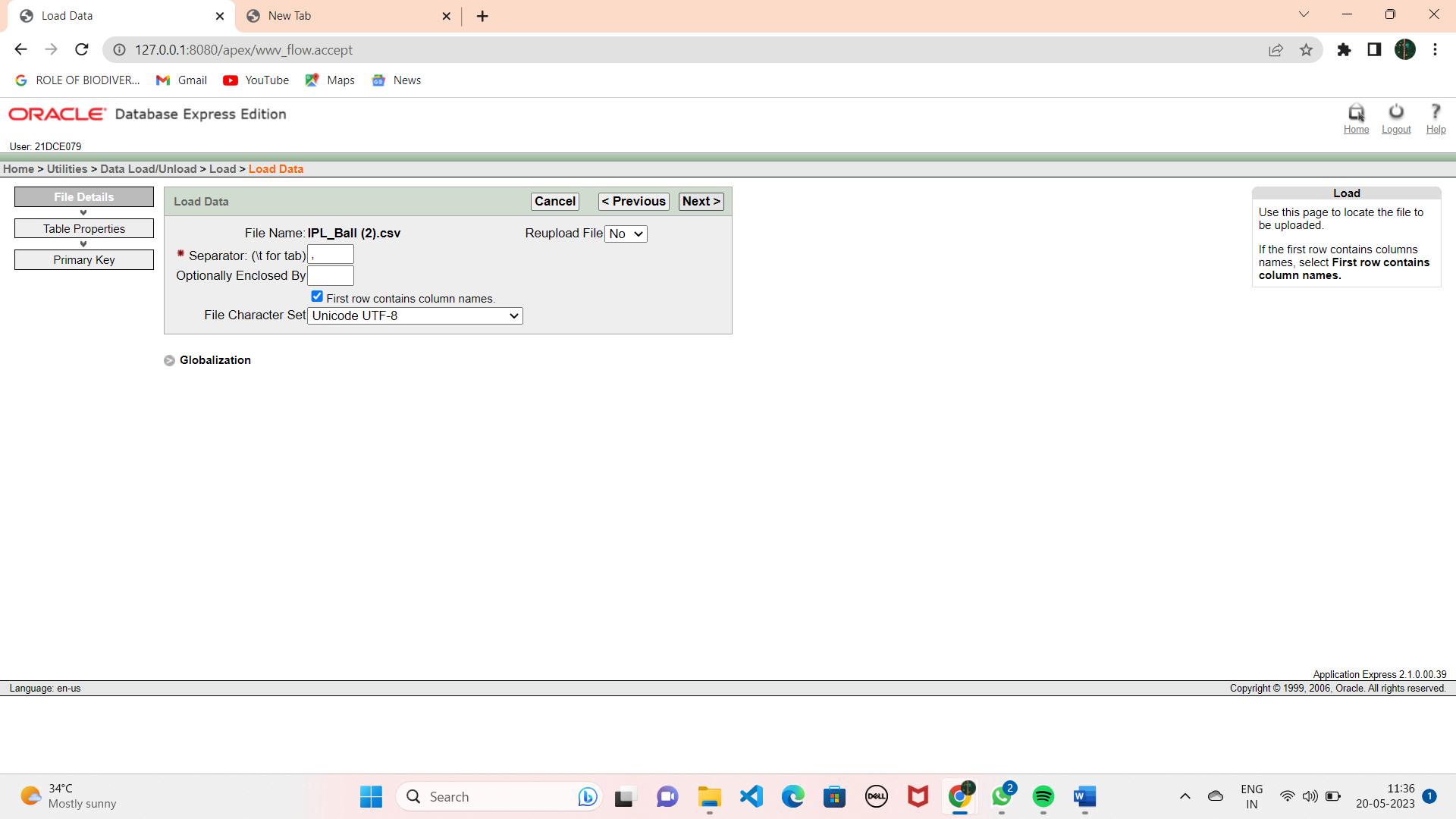


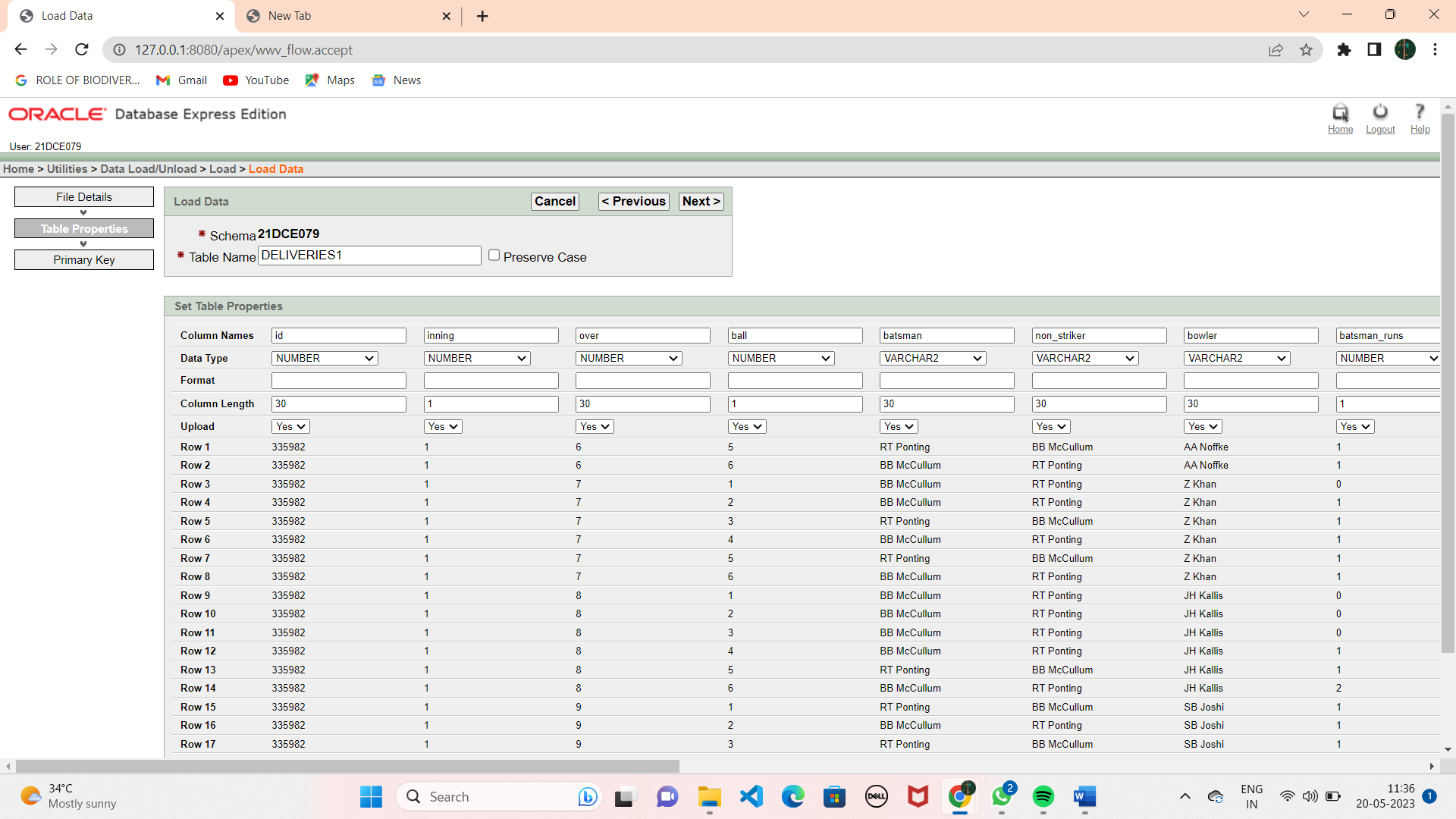




**4.Import data from CSV file ’IPL\_Ball.csv’ attached in resources to**

**‘deliveries’.**





**5. Select the top 20 rows of the deliveries table.**

SELECT \* FROM DELIVERIES LIMIT 20;

**6. Select the top 20 rows of the matches table**

SELECT \* FROM MATCHES LIMIT 20;

**7. Fetch data of all the matches played on 2nd May 2013.**

SELECT \* FROM MATCHES WHERE DATEMATCH='02-05-2013';

**8. Fetch data of all the matches where the margin of victory is more**  SELECT \* FROM MATCHES WHERE RESULT\_MARGIN>100;

**9. Fetch data of all the matches where the final scores of both teams are tied and order it in descending order of the date.**

SELECT \* FROM MATCHES WHERE RESULT=’TIE’ ORDER BY DATE DESC;

**10. Get the count of cities that have hosted an IPL match.**

SELECT COUNT(DISTINCT CITY) FROM MATCHES;