Task 2 Problem Statement 2 SQL

1. Create a table named 'matches' with appropriate data types for

columns.

CREATE TABLE matches(

id INT PRIMARY KEY,

city VARCHAR(40),

date DATE,

player of match VARCHAR(40),

venue VARCHAR(80),

neutral Venue INT,

team1 VARCHAR(80),

team2 VARCHAR(80),

toss winner VARCHAR(80),

toss decision VARCHAR(20),

winner VARCHAR(80),

result VARCHAR(40),

result margin INT,

eliminator VARCHAR(10),

method VARCHAR(10),

umpire1 VARCHAR(40),

umpire2 VARCHAR(40)

);

2. Create a table named 'deliveries' with appropriate data types for

columns.

CREATE TABLE deliveries (

id INT,

inning INT,

over INT,

ball INT,

batsman VARCHAR(40),

non striker VARCHAR(40),

bowler VARCHAR(40),

batsman runs INT,

extra runs INT.

total runs INT,

is wicket INT,

dismissal kind VARCHAR(40),

player dismissed VARCHAR(40),

fielder VARCHAR(100),

extras type VARCHAR(40),

batting team VARCHAR(40),

bowling team VARCHAR(40),

FOREIGN KEY(id) REFERENCES matches (id)

);

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 date='02-05-2013';

8. Fetch data of all the matches where the margin of victory is more than

100 runs.

select \*from matches where result margin>100;

9. Fetch data of all the matches where the final scores of both teams 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;

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'

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