RDB – SQL Assignment.

Email scripts to: mahesh.prabhakar@accoliteindia.com

1. Create a schema to store items from a Tech resume.

Not limiting to ... (name and contact details, technologies known, recent projects, work experience)

Create necessary PK, FK, other constraints as necessary

(10 marks)

2. Insert Sample data

(2 marks)

3. Query: (8marks)

a. Get list of candidates based in ‘Hyderabad’ which were added to the system in the past 3 months.

b. Get count of candidates in all cities, who know Jsvascript and Html,

Ex output: Count City

2 bangalore

4 Hyderabad

8 Delhi

c. Get list of all candidates sorted by “maximum number of technologies known to him/her”

Ex output: CandidateName Total\_No\_Of\_Tech\_Known

xyz 4

abc 2

qaz 2

d. Create a view that HR can query everyday to get the new candidates added previous day.

(Include all necessary fields required by HR)

Email to Sanjay, SQL and NoSQL , JS ANG REACT.

No-SQL Assignment

Email scripts to: mahesh.prabhakar@accoliteindia.com

Connect to your instance of mongo DB and ...

(1 mark) Create a collection called ‘games’. We’re going to put some games in it.

B. (2 marks) Add 5 games to the database. Give each document the following properties: name,

genre, rating (out of 100) If you make some mistakes and want to clean it out, use remove()on your

collection.

C. (1 mark) Write a query that returns all the games

D. (2 marks) Write a query to find one of your games by name without using limit(). Use the

findOne method. Look how much nicer it’s formatted!

E. (3 marks) Write a query that returns the 3 highest rated games.

F. (6 marks) Update your two favourite games to have two achievements called ‘Game Master’ and

‘Speed Demon’, each under a single key. Show two ways to do this. Do the first using update()and

do the second using save(). Hint: for save, you might want to query the object and store it in a

variable first.

G. (2 marks) Write a query that returns all the games that have both the ‘Game Maser’ and the

‘Speed Demon’ achievements.

H. (3 marks) Write a query that returns only games that have achievements. Not all of your games

should have achievements, obviously.