Run the following queries for both PostgreSQL and MongoDB

1. Display the student names who have the Java mark greater or equal 85 but all other marks less than 85

***select name from students\_marks\_subjects s1 where subject='Java' and mark >= 85 and not exists***

***(select \* from students\_marks\_subjects s2 where s1.stid=s2.stid and subject != 'Java' and mark >= 85)***

***db.students.find({$and:[***

***{marks:{$elemMatch:{subject:'Java',mark:{$gte:85}}}},{marks:{$not:{$elemMatch:{subject: {$ne:'Java'},mark:{$gte:85}}}}}***

***]})***

1. Display the student names, subjects and marks of those who don’t have a “Java Technologies” mark

***select name, subject, mark from students\_marks\_subjects where stid not in***

***(select stid from students\_marks\_subjects where subject='Java Technologies')***

***db.students.find({marks: {$not:{$elemMatch:{subject:'Java Technologies'}}}},{\_id:0, name: 1})***

1. Display the student names who have a React mark higher than a Java mark

***select name from students\_marks\_subjects s1 where subject='React' and not exists***

***(select \* from students\_marks\_subjects s2 where s1.stid=s2.stid***

***and subject='Java' and mark >= s1.mark)***

***db.students.find({$expr:{$gt:[{$arrayElemAt:["$marks.mark", {"$indexOfArray":["$marks.subject","React"]}]},{$arrayElemAt:["$marks.mark", {"$indexOfArray":***

***["$marks.subject", "Java"]}]}]}})***