SOQL

Write SOQL Select all student Name,Dob,Sex where LastName starts with “S”

* SELECT Name, DOB\_\_c, Sex\_\_c
* FROM Student\_\_c
* WHERE LastName\_\_c LIKE 'S%'

Select All students where ClassName starts with “X”

* SELECT Name, DOB\_\_c, Sex\_\_c
* FROM Student\_\_c
* WHERE Class\_\_r.Name LIKE 'X%'

Select all Student and ClassName

* SELECT Name, DOB\_\_c, Sex\_\_c, Class\_\_r.Name
* FROM Student\_\_c

Select all Classes with students in every class as subquery.

* SELECT Name, (SELECT Name, DOB\_\_c, Sex\_\_c FROM Students\_\_r)
* FROM Class\_\_c

Select all students where class teacher name starts with “S”

* SELECT Name, DOB\_\_c, Sex\_\_c
* FROM Student\_\_c
* WHERE Class\_\_r.ClassTeacher\_\_c LIKE 'S%'

All students where DOB > Year 2000

* SELECT Name
* FROM Student\_\_c
* WHERE CALENDAR\_YEAR(DOB\_\_c) > 2000

All Leads Where ModifiedDate in current month

* SELECT Id, Name, CreatedDate, LastModifiedDate
* FROM Lead
* WHERE LastModifiedDate = THIS\_MONTH

All Classes with Students as subquery where student Name Starts with “S”

* SELECT Name, (SELECT Name, DOB\_\_c, Sex\_\_c FROM Students\_\_r WHERE Name LIKE 'S%')
* FROM Class\_\_c

All Teachers who have Hindi and English both subjects

* SELECT Contact\_\_r.Name
* FROM Teach\_\_c
* WHERE Subject\_\_c IN ('English;Hindi')

All students who have hindi or maths

* SELECT Name
* FROM Student\_\_c
* WHERE Class\_\_r.Id IN(Select Class\_\_r.Id from Teach\_\_c Where Subject\_\_c IN ('Hindi','English'))

Select no. of students per class

* SELECT NumberOfStudents\_\_c, Name from Class\_\_c

Monthly Birthday Count of students with sorting

* SELECT COUNT(Name), CALENDAR\_MONTH(DOB\_\_c)
* FROM Student\_\_c
* GROUP BY CALENDAR\_MONTH(DOB\_\_c)
* ORDER BY CALENDAR\_MONTH(DOB\_\_c)
* LIMIT 12

SOSL

Find all persons with name as “Joe” i.e (Teachers or Students)

* FIND {Joe} IN NAME FIELDS RETURNING Contact(Name), Student\_\_c(Name)

Find all Male persons with name as “Joe” i.e (Teachers or Students)

* FIND {Joe} IN NAME FIELDS RETURNING Student\_\_c(Name Where Sex\_\_c= 'Male')

Apex Basics and SOQL , SOSL Recap