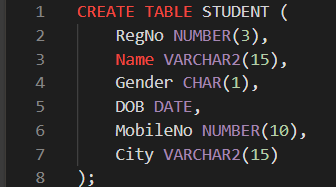
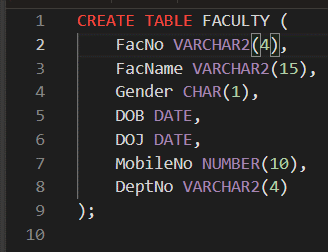
Practice Exercise 1

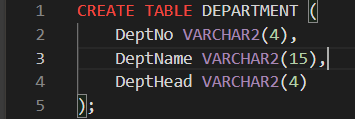
1. **Create a table name STUDENT with following structure.**



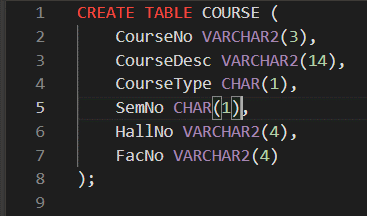
1. **Create a table name FACULTY with following structure. Column**



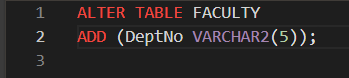
1. **Create a table name DEPARTMENT with following structure.**



1. **Create a table name COURSE with following structure.**



1. **Modify the table FACULTY by adding a column name DeptNo of datatype VARCHAR(4)**

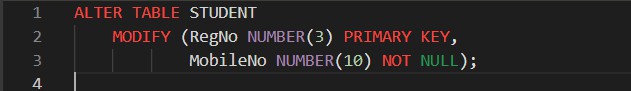


1. **Alter the table STUDENT with following structure.**

Column Constraints # Name

PRIMARY

1. **RegNo KEY**
2. **MobileNo NOT NULL**



**7)Alter the table name FACULTY with following structure. The DeptNo in this table refers the DeptNo in the DEPARTMENT table.**

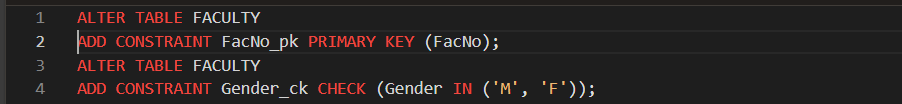
Column Constraints # Name

FacNo

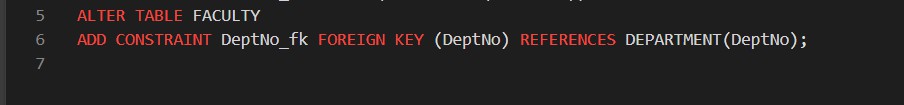
PRIMARY 1 KEY

Gender CHECK

2 ‘M’ or ‘F’



**8)After the FACULTY table is successfully created, test if you can add a constraint FOREIGN KEY to the DeptNo of this table.**



**9)Alter the table name DEPARTMENT with following structure.**

Column Constraint # Name

DeptNo PRIMARY 1 KEY

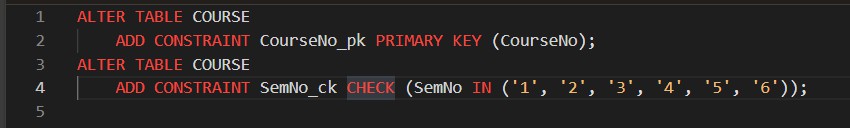


**10) Alter the table name COURSE with following structure.**

Column Constraint # Name

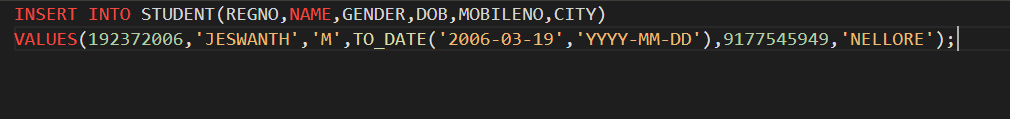
CourseNo PRIMARY

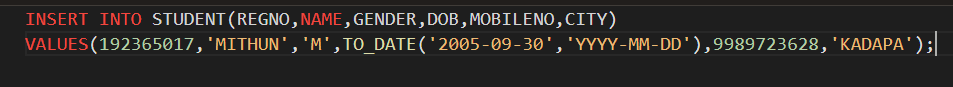
1. **KEY**
2. **SemNo 1 to 6**

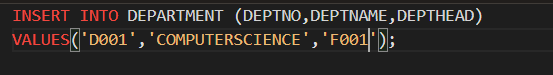


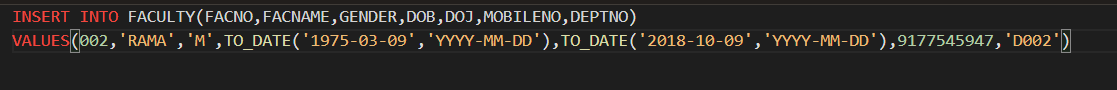
Practice Questions:

1. **Populate all the five tables with your own data.**



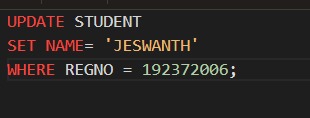




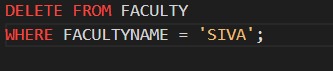




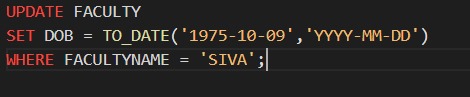
**12.Update the value of student name whose register number is ‘19232006’.**



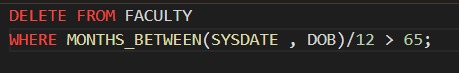
**13.Delete the record in the table FACULTY, who resigned her job.**



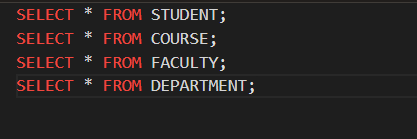
**14.Modify the date of birth for the faculty whose name is RAM; with a value ‘1983-05-01’.**



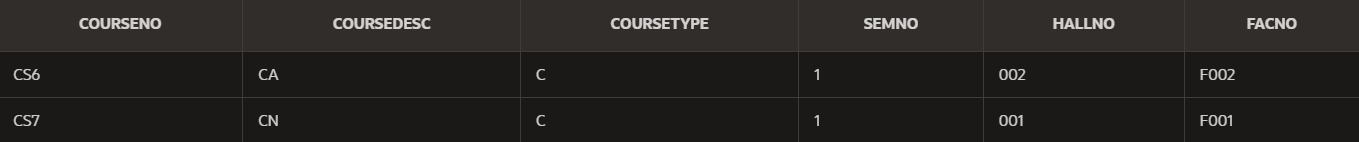
**15.Remove all faculty who are having over 65 years.**

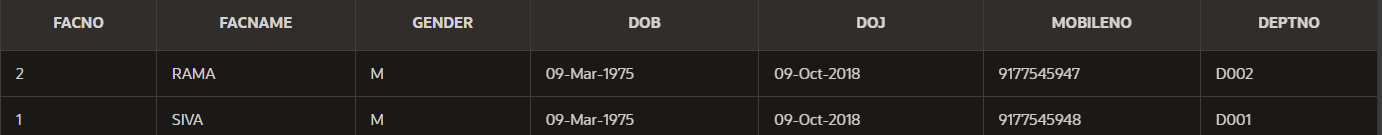


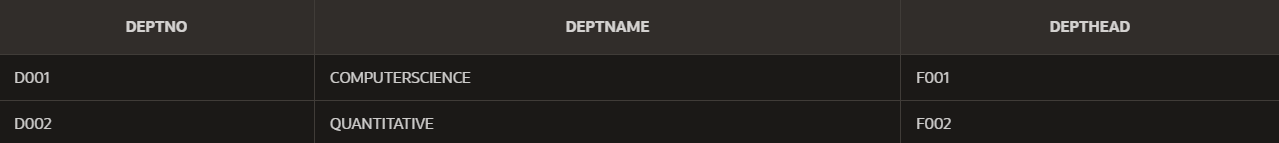
**16.View all the records from the five tables.**





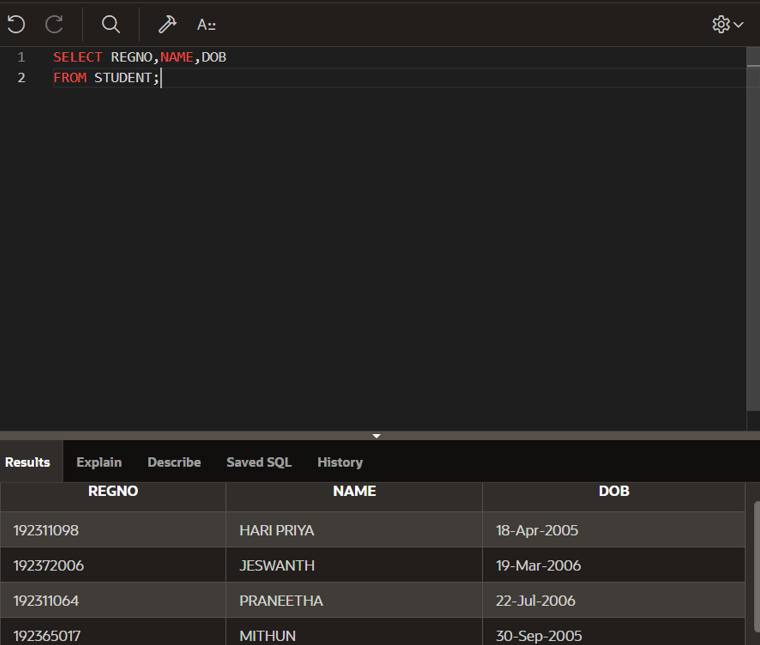




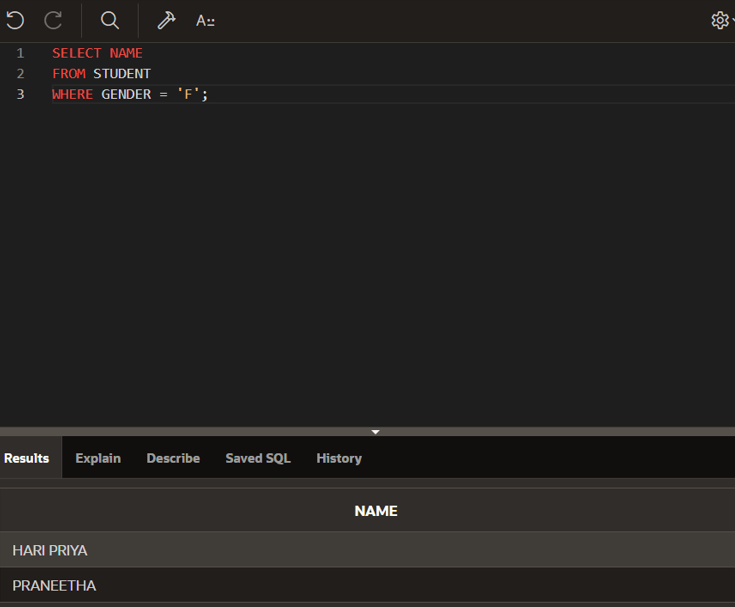


WHERE Clause Questions::

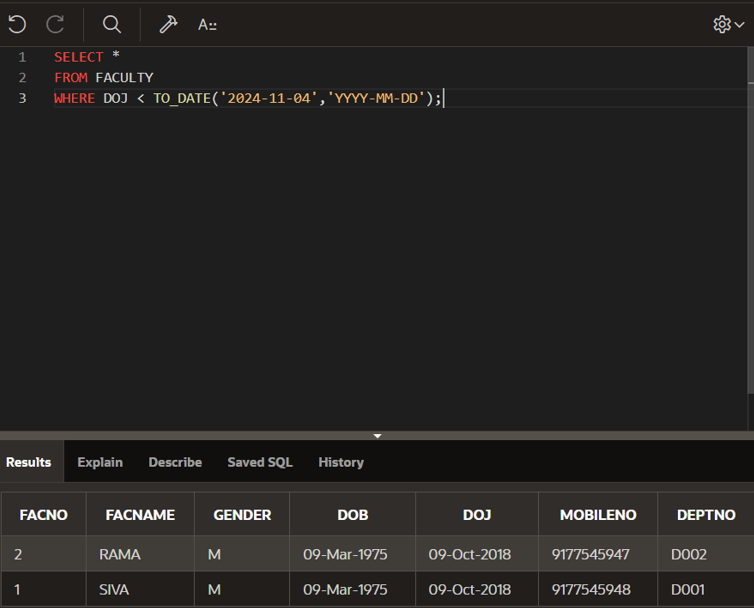
**17.The student counsellor wanted to display the registration number, student name and date of birth for all the students.**

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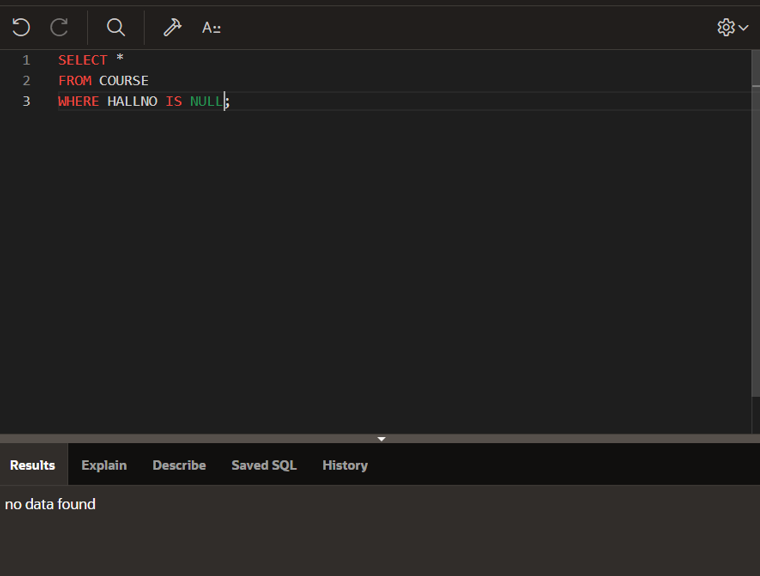
**18.The controller of examinations wanted to list all the female students.**

****

1. **Display all faculty details joined before “November 2024”.**

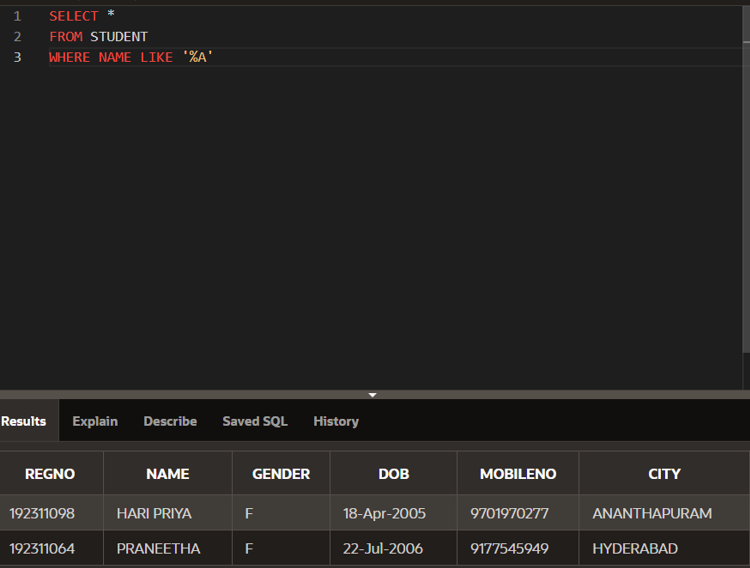
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1. **Display all the courses not allotted to halls**

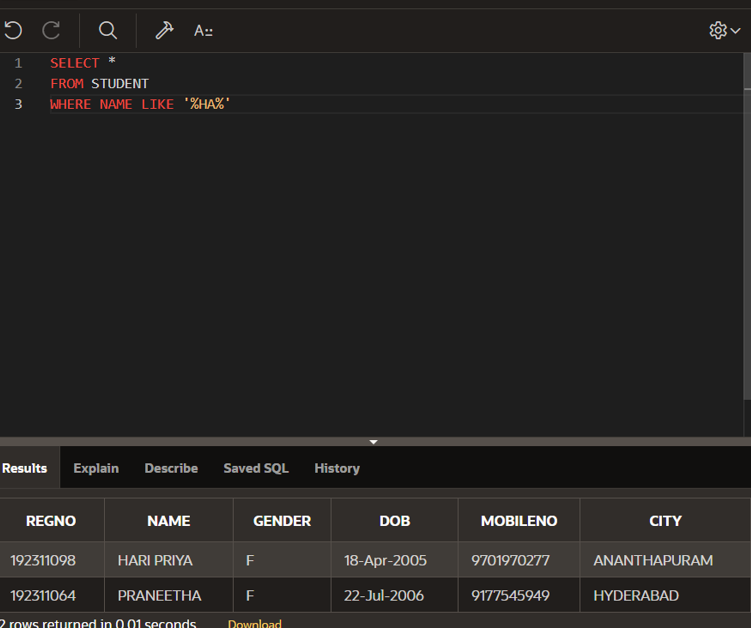
****

LIKE Clause Questions::

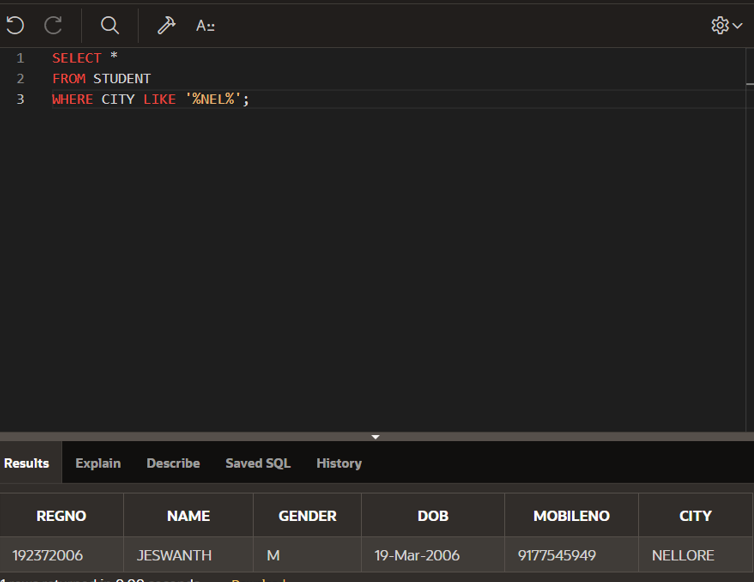
1. **List the students whose name ends with the substring “a”**

****

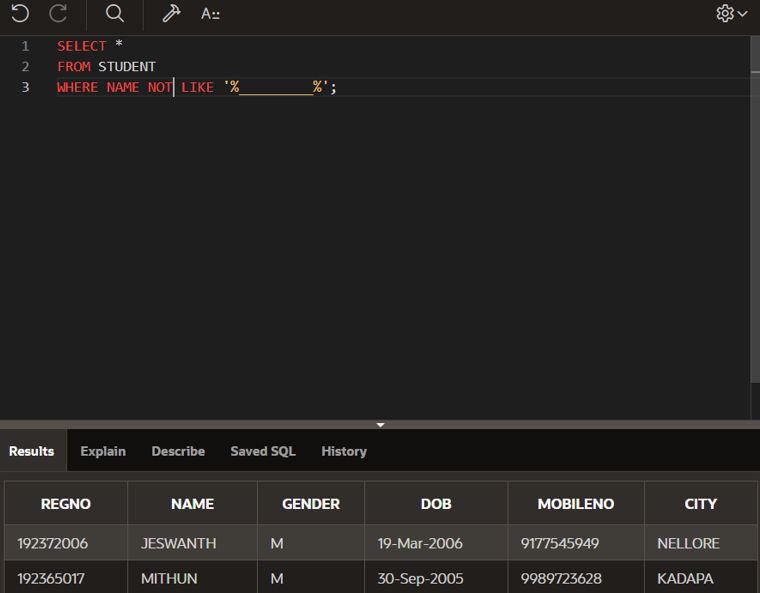
1. **Display all students whose name contains the substring “Ha”**

****

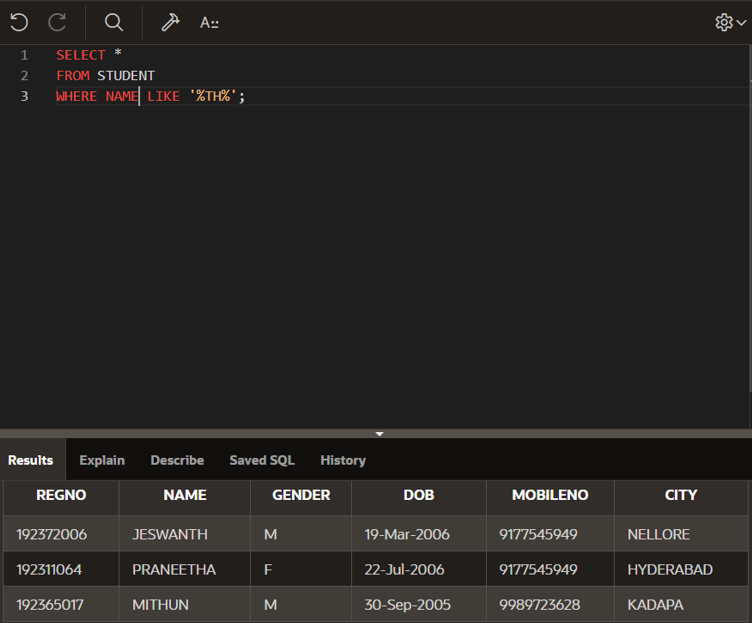
1. **Find all the students who are located in cities having “NEL” as substring**

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1. **Display the students whose names do not contain six letters.**

****

1. **Find all the students whose names contains “th”**

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