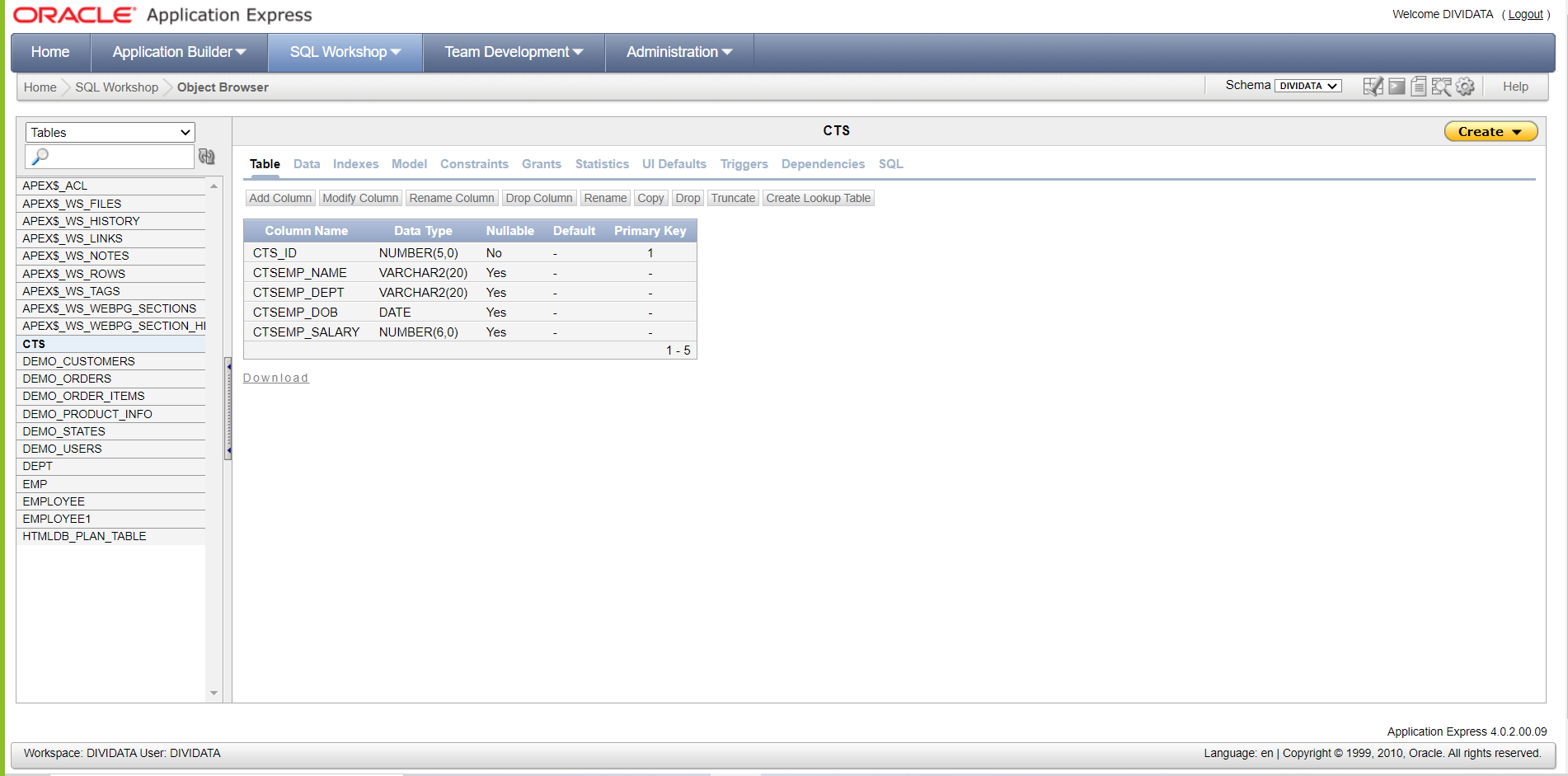
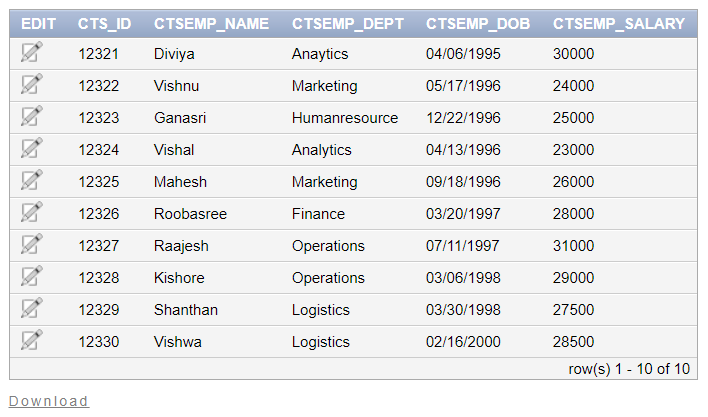
**SQL Queries DIVIYALAKSHMI V**

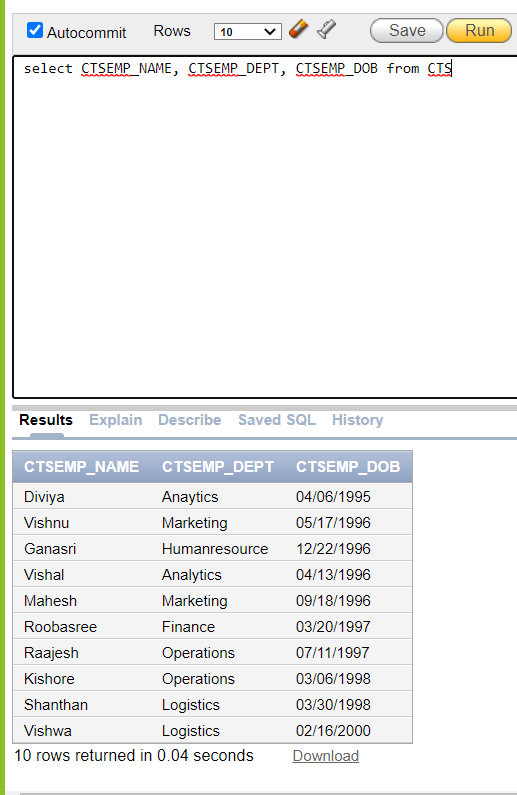
1.**TABLE**



**CREATING A TABLE: CTS**

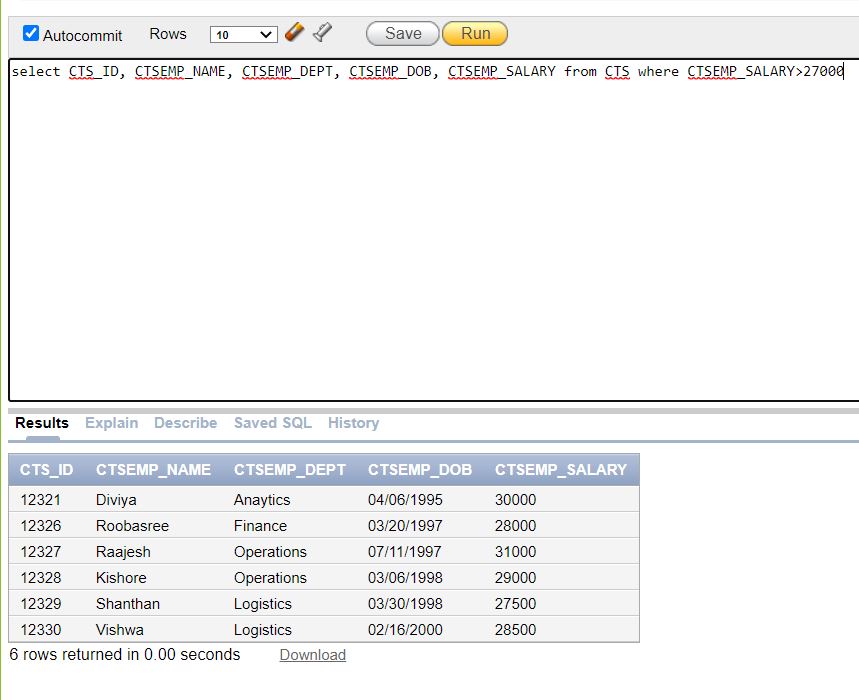


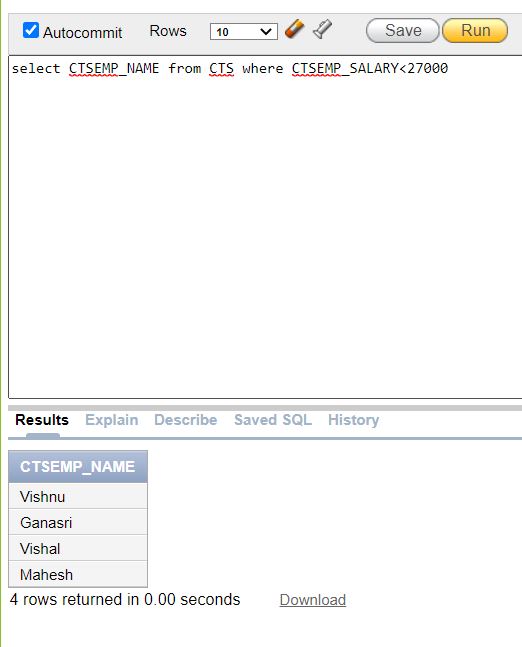
1. **To display intern name, dept and dob**



**2.SQL Command using select statement to display the details of employee whose salary is greater than 27000.**

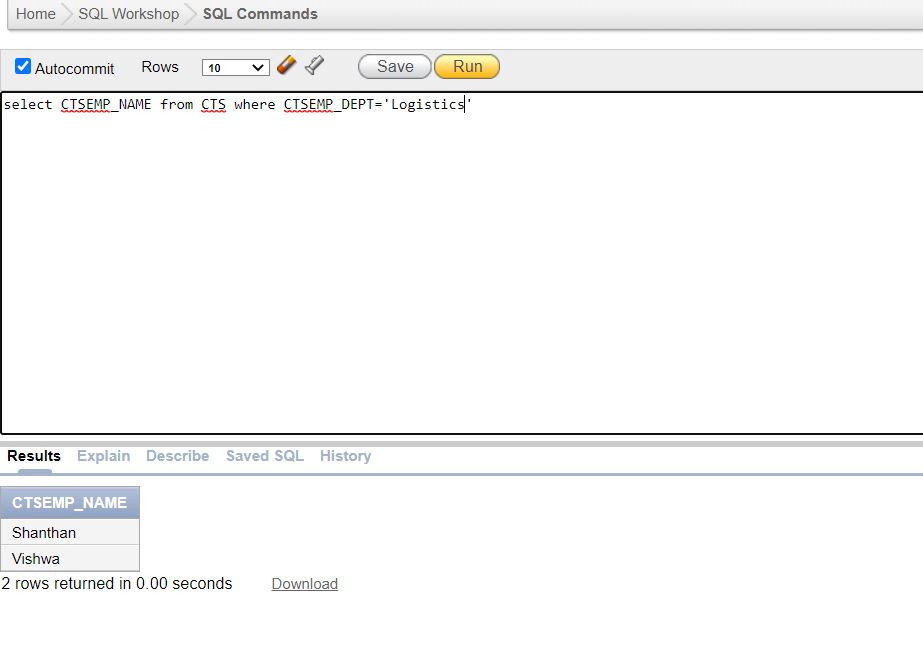
select CTS\_ID, CTSEMP\_NAME, CTSEMP\_DEPT, CTSEMP\_DOB, CTSEMP\_SALARY from CTS where CTSEMP\_SALARY>27000

****

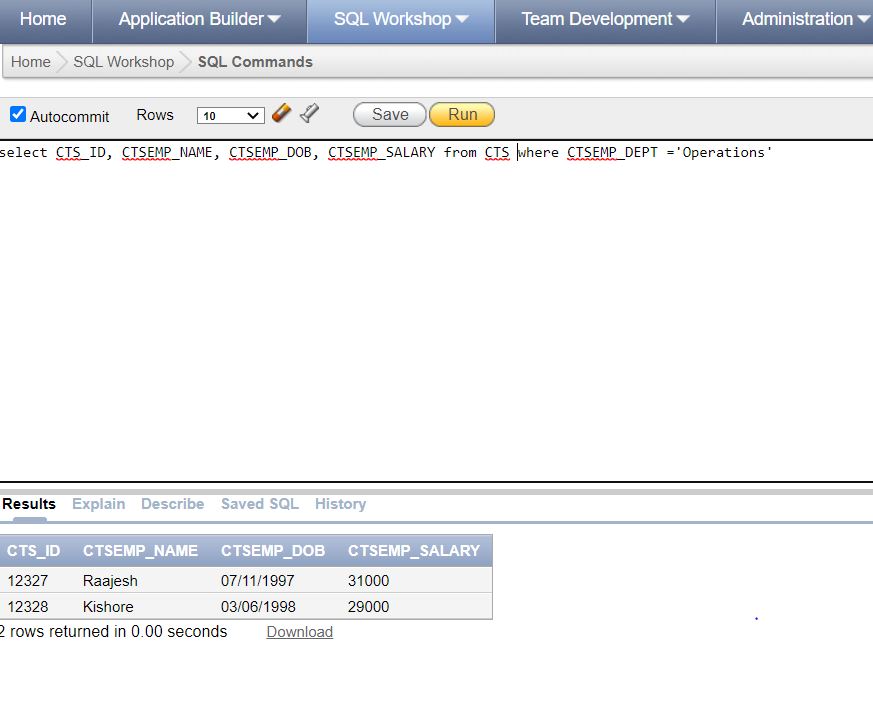


3.**SQL Command using select statement to display the name of employee whose are from “Logistics” department**.

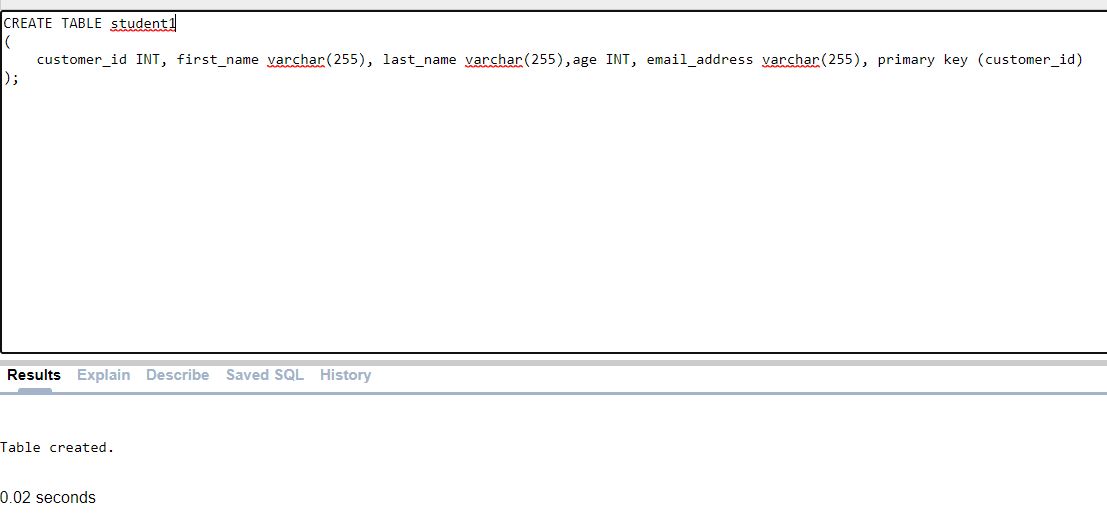
select CTSEMP\_NAME from CTS where CTSEMP\_DEPT='Logistics'

****4.**SQL Command using select statement to display the details of employee whose are from “Logistics” department.**

select CTS\_ID, CTSEMP\_NAME, CTSEMP\_DOB, CTSEMP\_SALARY from CTS where CTSEMP\_DEPT='Operations'

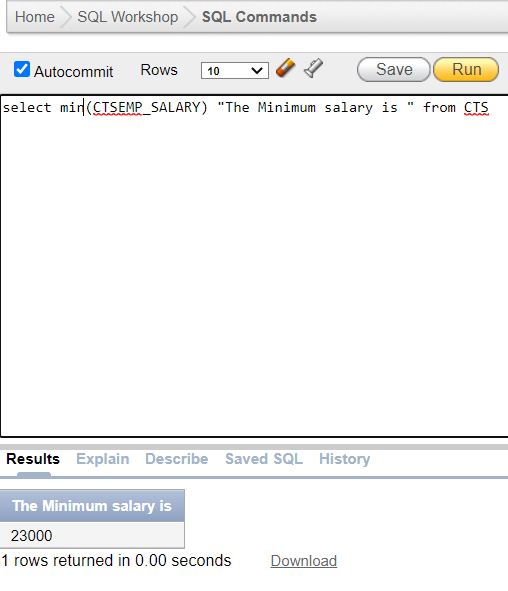
****

1. **SQL Command for Creating a table – student1**

****

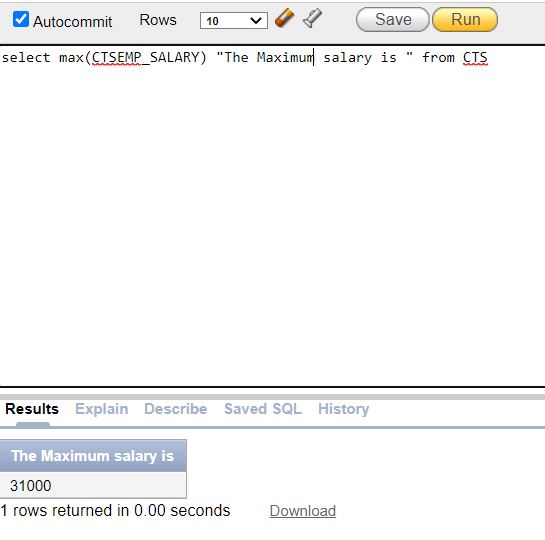
1. **To display the minimum salary using select statement.**

**select min(CTSEMP\_SALARY) "The Minimum salary is " from CTS**

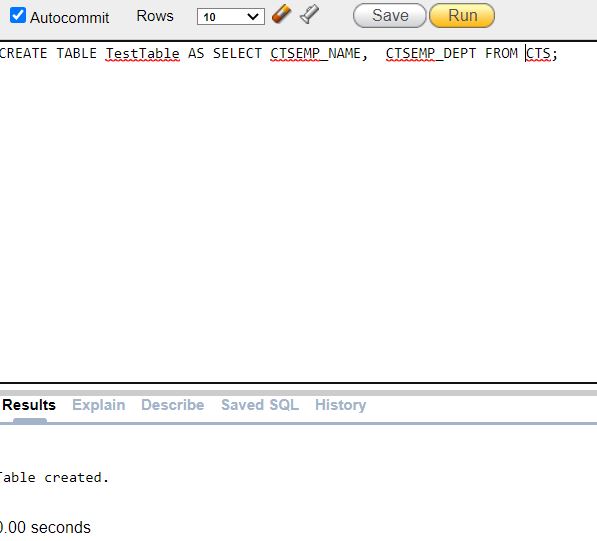
****

**7.To display the minimum salary using select statement.**

**select max(CTSEMP\_SALARY) "The Maximum salary is " from CTS**

****

1. **SQL Command using select statement to display the name of interns whose are from “Operations” department.**



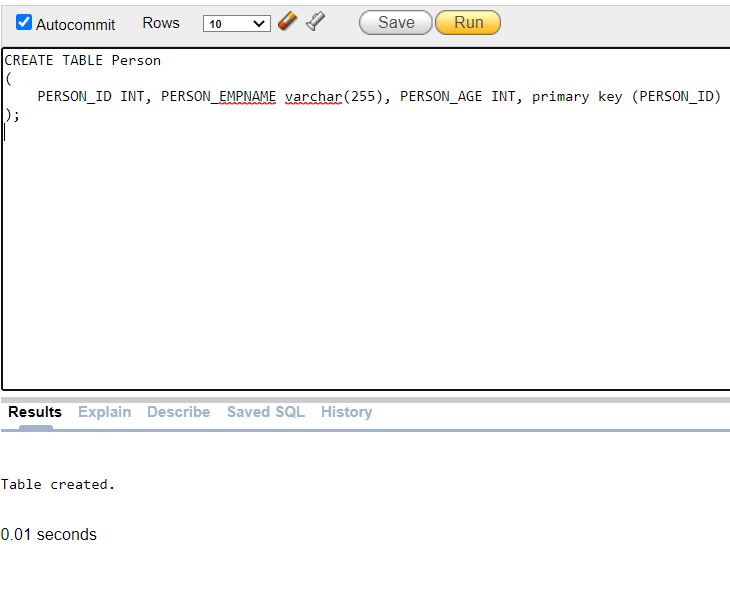
1. **SQL Command for Creating a table – Persons**

**CREATE TABLE Person**

**(**

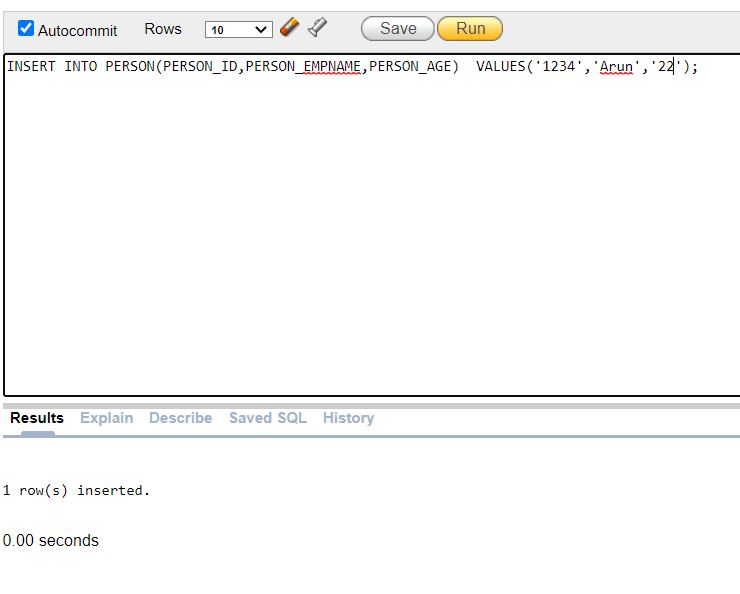
**PERSON\_ID INT, PERSON\_EMPNAME varchar(255), PERSON\_AGE INT, primary key (PERSON\_ID)**

**);**

****

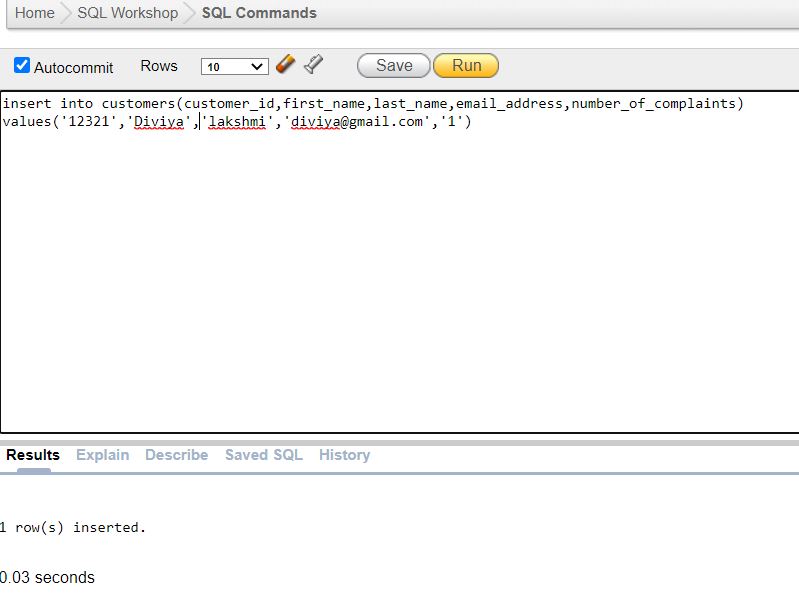
1. **SQL Command to insert a data into Person table**

**INSERT INTO PERSON(PERSON\_ID,PERSON\_EMPNAME,PERSON\_AGE) VALUES('1234','Arun','22');**



1. **SQL Command to insert a data into customers table**

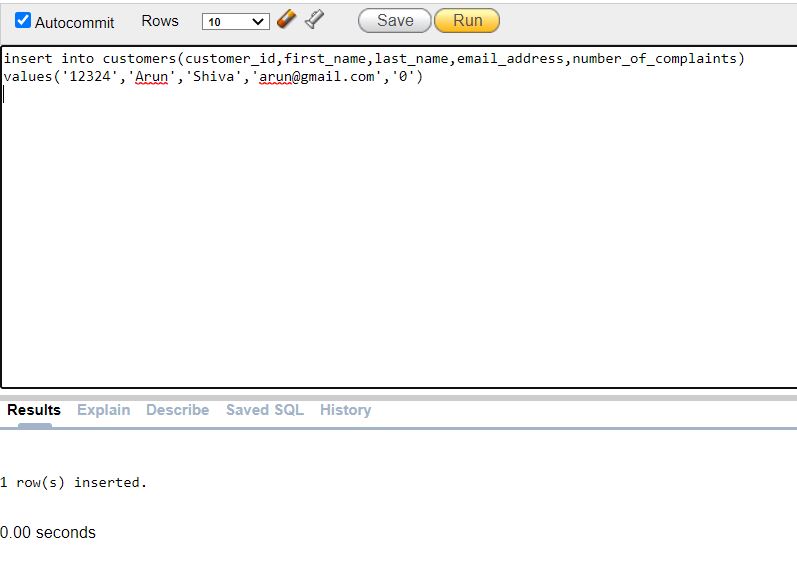
**insert into customers(customer\_id,first\_name,last\_name,email\_address,number\_of\_complaints) values('12321','Diviya'’lakshmi’,'diviya@gmail.com','1')**



1. **SQL Command to insert a data into customers table**

**insert into customers(customer\_id,first\_name,last\_name,email\_address,number\_of\_complaints)**

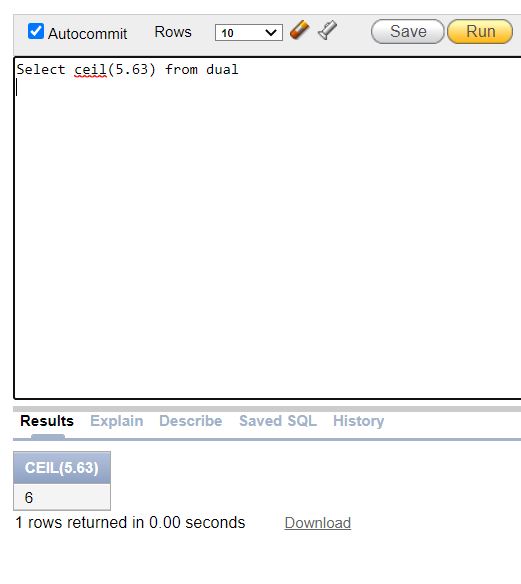
**values('12324','Arun','Shiva','arun@gmail.com','0')**



**Inbuilt Functions usage:**

1. **SQL command to round of the value 5.63**

**Select ceil(5.63) from dual**

****

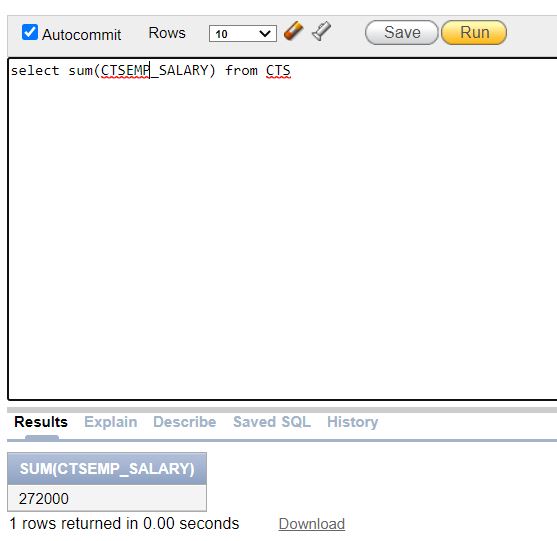
1. **SQL Command to display the value without decimals**

**Select trunc(5.63) from dual**

****

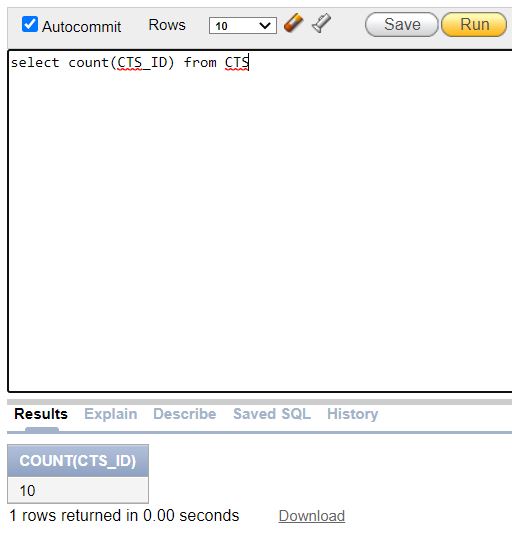
1. **SQL Command to display the sum of all the interns**

**select sum(CTSEMP\_SALARY) from CTS**

****

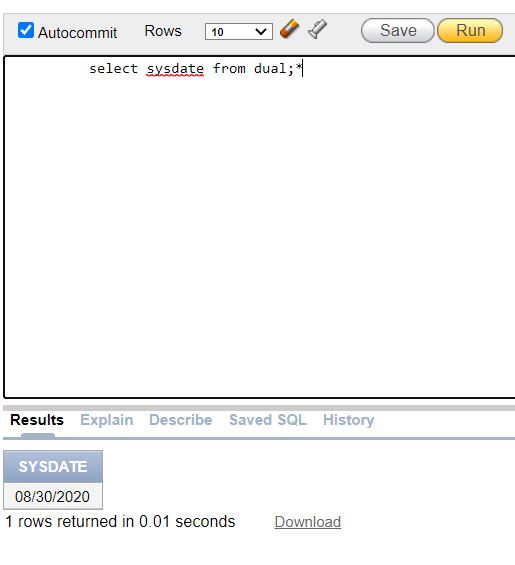
1. **SQL Command to display the count of all the employee ID data stored in the employee table.**

**select count(CTS\_ID) from CTS**



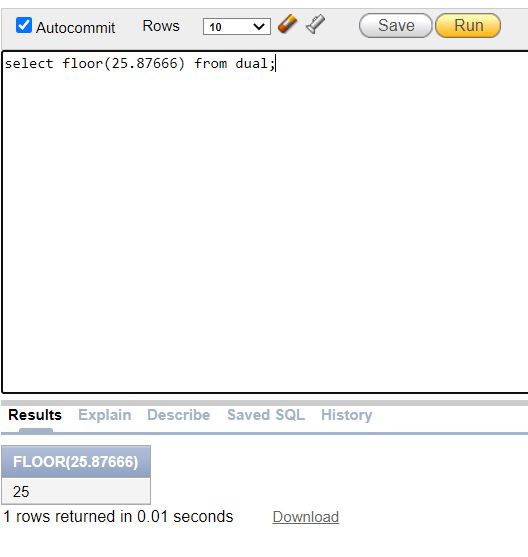
1. **SQL Command to display the system date**

**select sysdate from dual;**



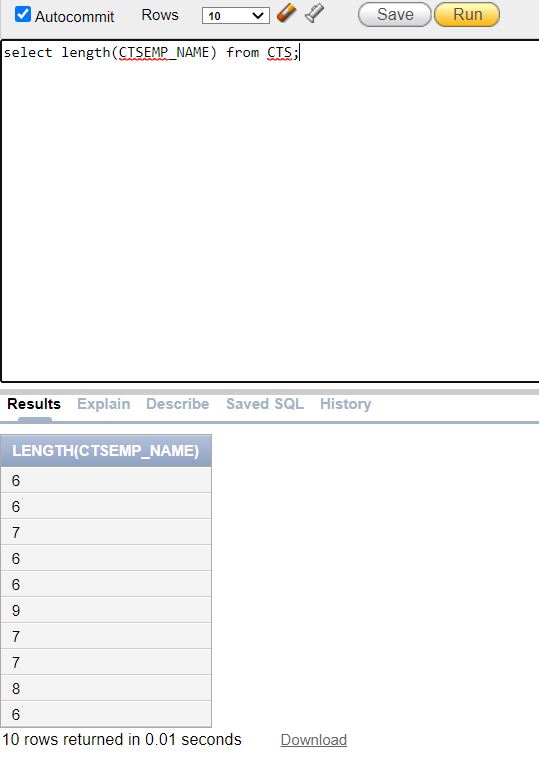
1. **Using Floor Function**

**select floor(25.87666) from dual;**



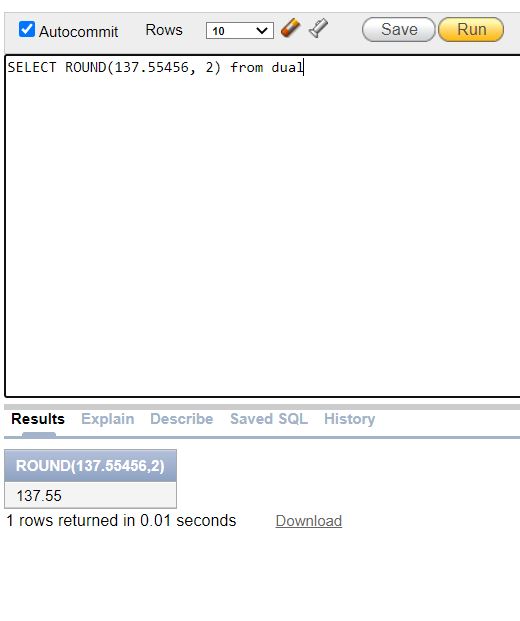
1. **SQL Command to display the length of all the employee names**

**select length(CTSEMP\_NAME) from CTS**



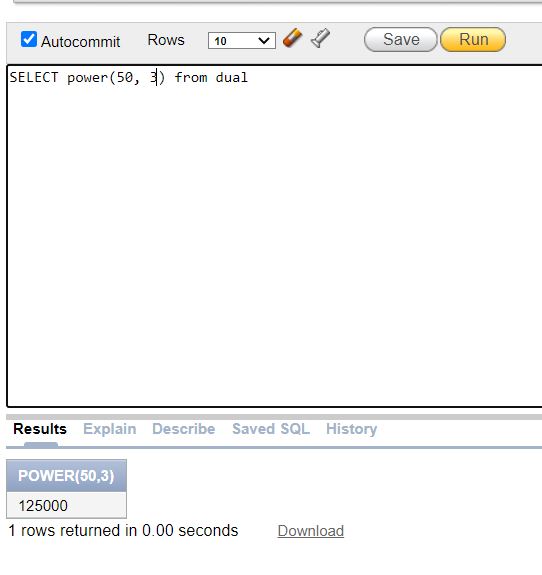
1. **SQL command to round of a number to 2 digits.**

**SELECT ROUND(137.55456, 2) from dual**



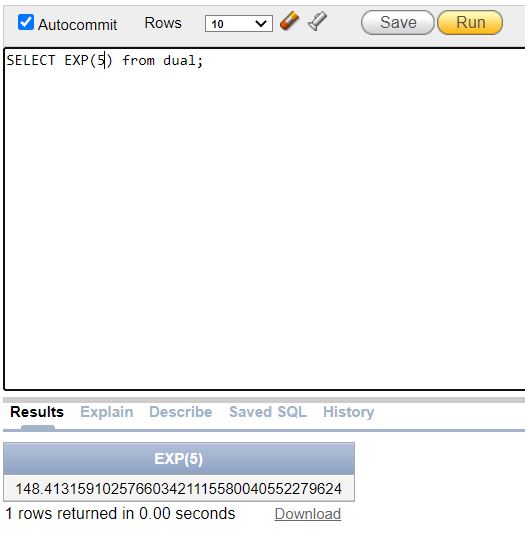
1. **SQL Command to display the power of 40**

**SELECT power(50, 3) from dual**



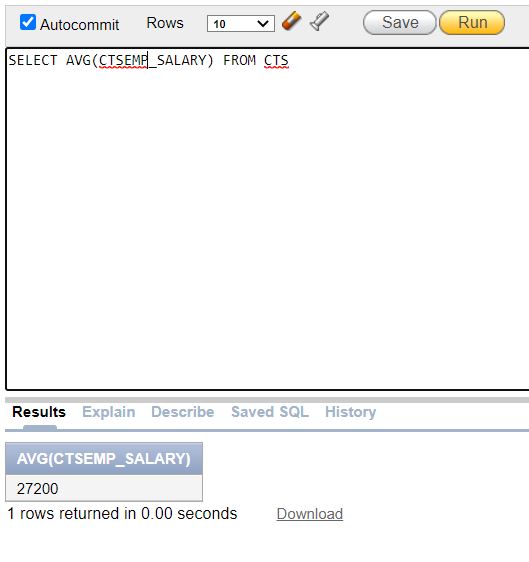
1. **SQL Command to display the exponential value of 1.**

**SELECT EXP(5) from dual;**



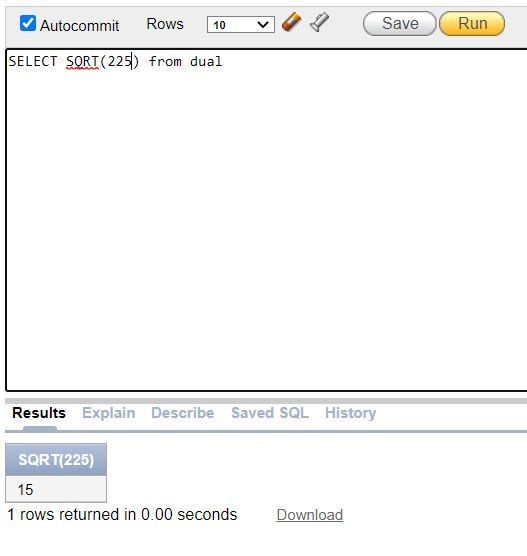
1. **SQL Command to display the average of marks.**

**SELECT AVG(CTSEMP\_SALARY) FROM CTS**



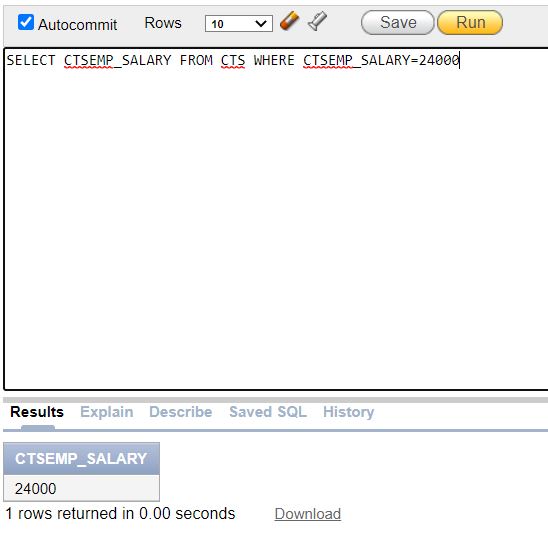
1. **SQL Command to display the square root of 225.**

**SELECT SQRT(225) from dual**



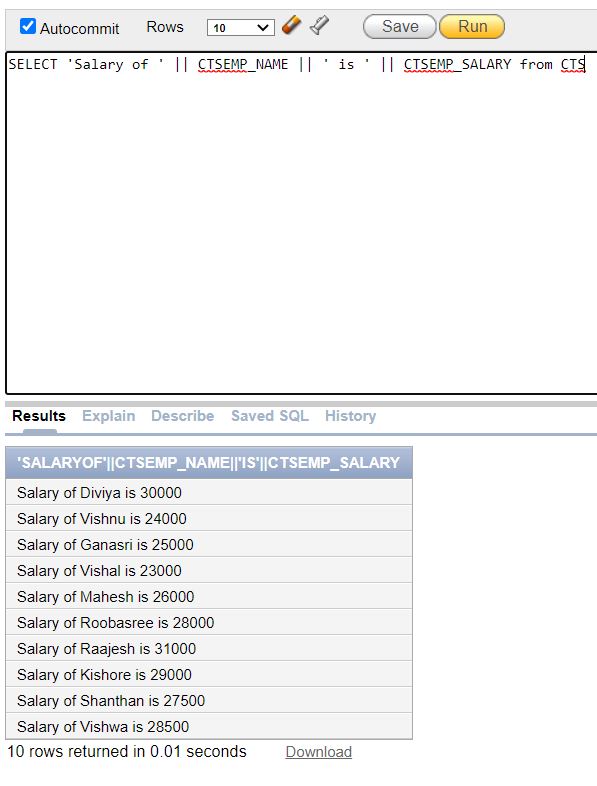
1. **SQL Command using “=” operator.**

**SELECT CTSEMP\_SALARY FROM CTS WHERE CTSEMP\_SALARY=24000**



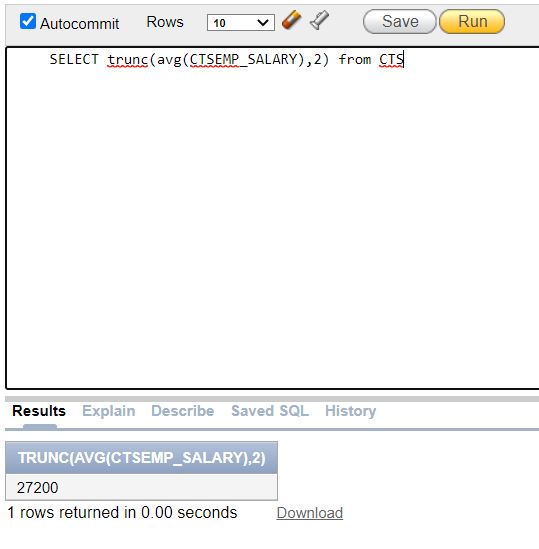
1. **To display the salary of each employee**

**SELECT 'Salary of ' || CTSEMP\_NAME || ' is ' || CTSEMP\_SALARY from CTS**



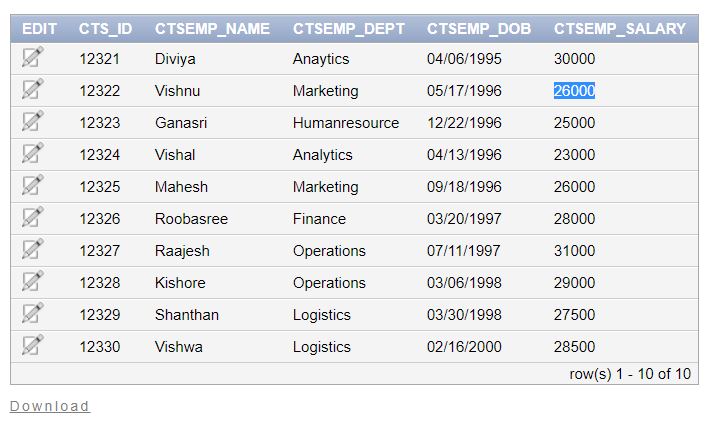
1. **To display the average value of an intern using trunc and average function.**

**SELECT trunc(avg(CTSEMP\_SALARY),2) from CTS**



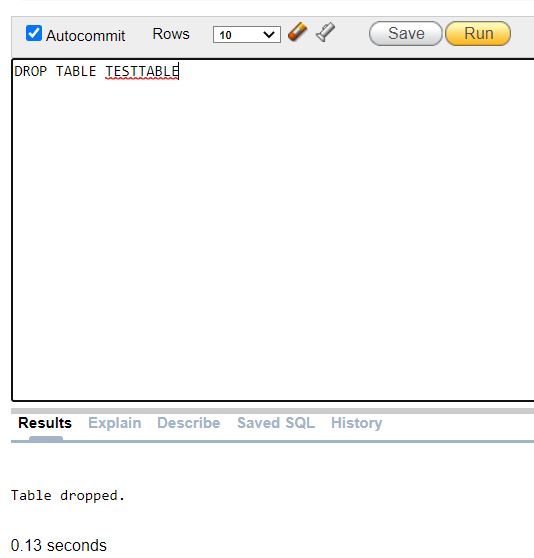
1. **SQL Command to update the intern data**

**UPDATE CTS set CTSEMP\_SALARY= 26000 where CTSEMP\_NAME='Vishnu'**



1. **SQL Command to drop a table.**

**DROP TABLE TESTTABLE**



1. **SQL Command to remove all the data from the table by keeping the table CTS**

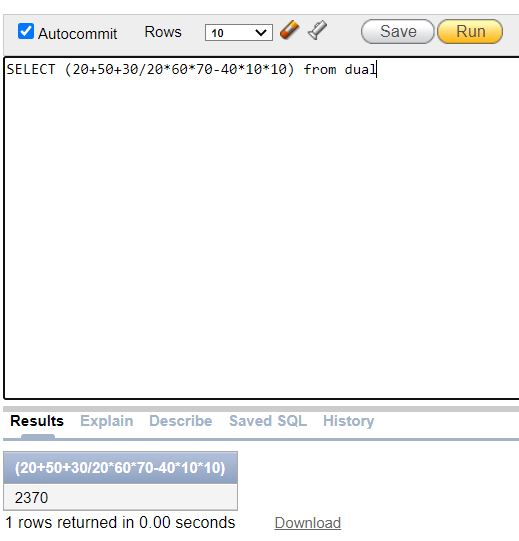
**TRUNCATE TABLE CTS**





**31.Arithmetic Operations**

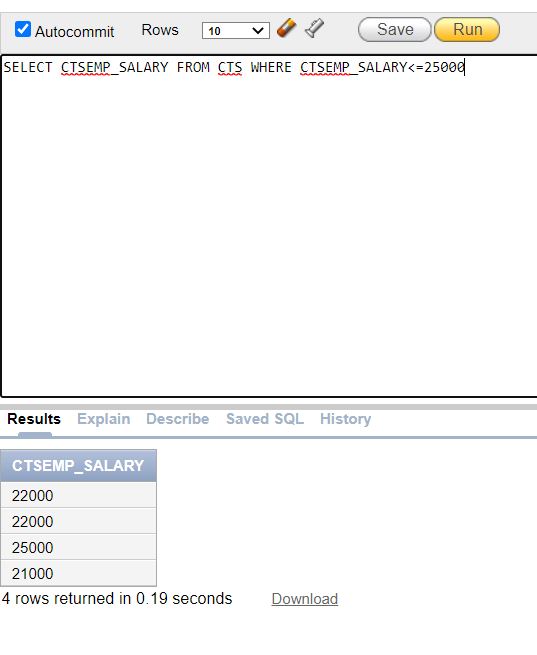
**SELECT (20+50+30/20\*60\*70-40\*10\*10) from dual**



**32.Relational Operators**

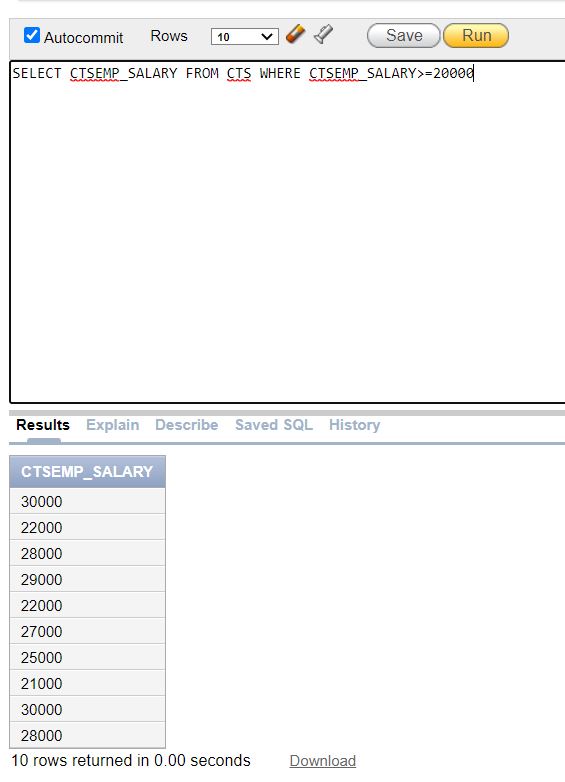
**SQL Command to display the salary of interns whose salary is <= 25000**

**SELECT CTSEMP\_SALARY FROM CTS WHERE CTSEMP\_SALARY<=25000**



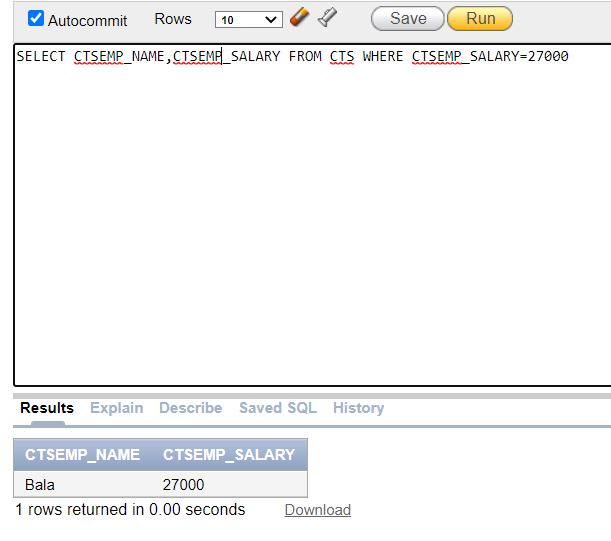
1. **SQL Command to display the salary whose salary is >= 20000.**

**SELECT CTSEMP\_SALARY FROM CTS WHERE CTSEMP\_SALARY>=20000**



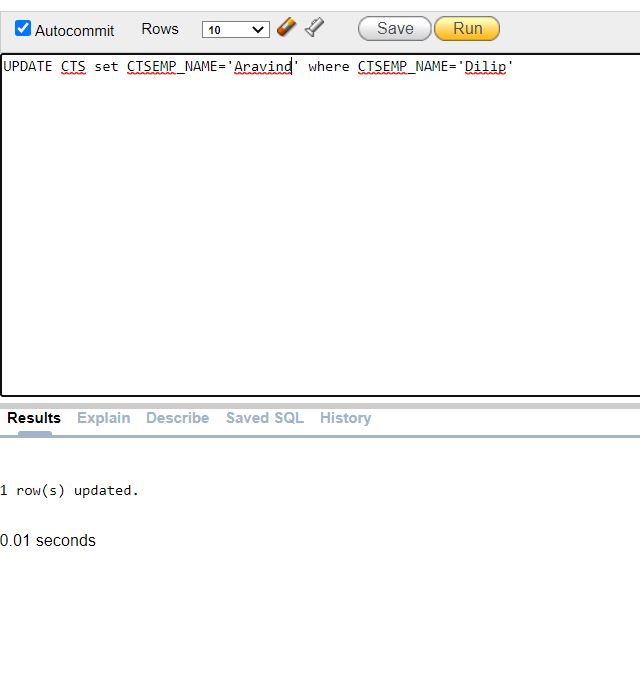
1. **SQL Command to display the salary of interns, intern name whose salary is = 27000.**

**SELECT CTSEMP\_NAME,CTS\_SALARY FROM CTS WHERE CTSEMP\_SALARY=27000**



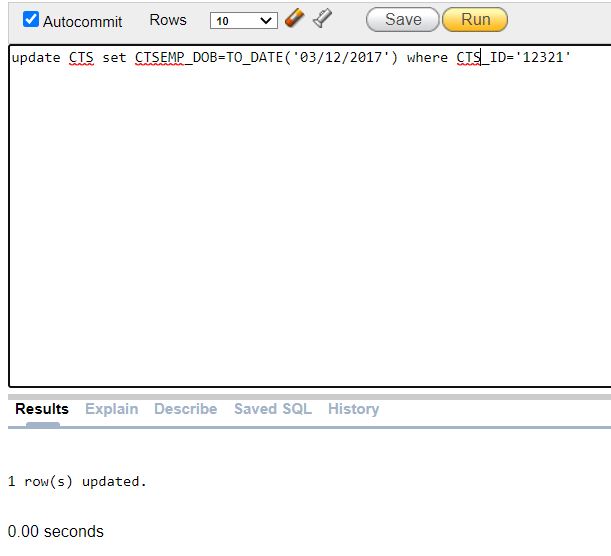
1. **SQL Command to update an employee name**

**UPDATE CTS set CTSEMP\_NAME='Dilip' where CTSEMP\_NAME='Aravind'**



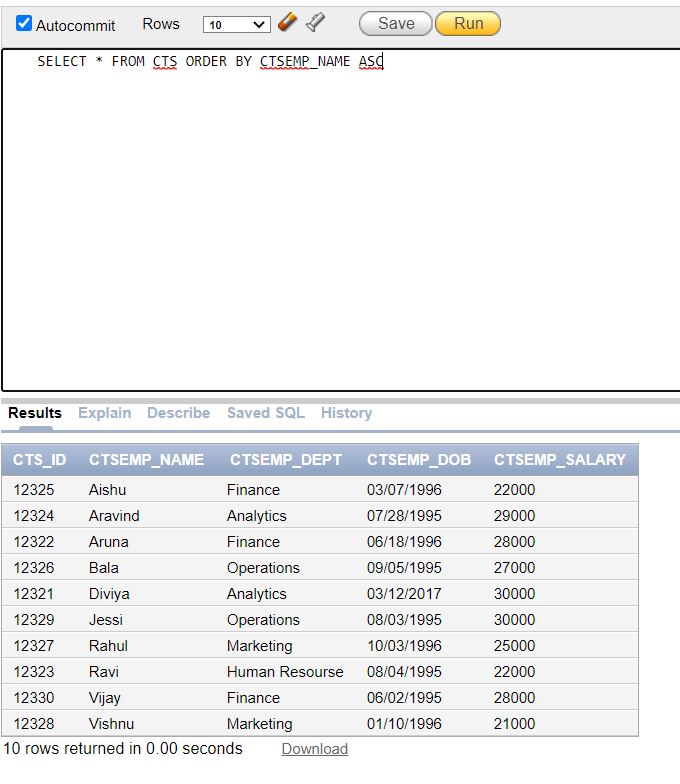
1. **SQL Command to update date of birth of an intern.**

**update CTS set CTSEMP\_DOB=TO\_DATE('03/12/1997') where CTSEMP\_ID='12325'**



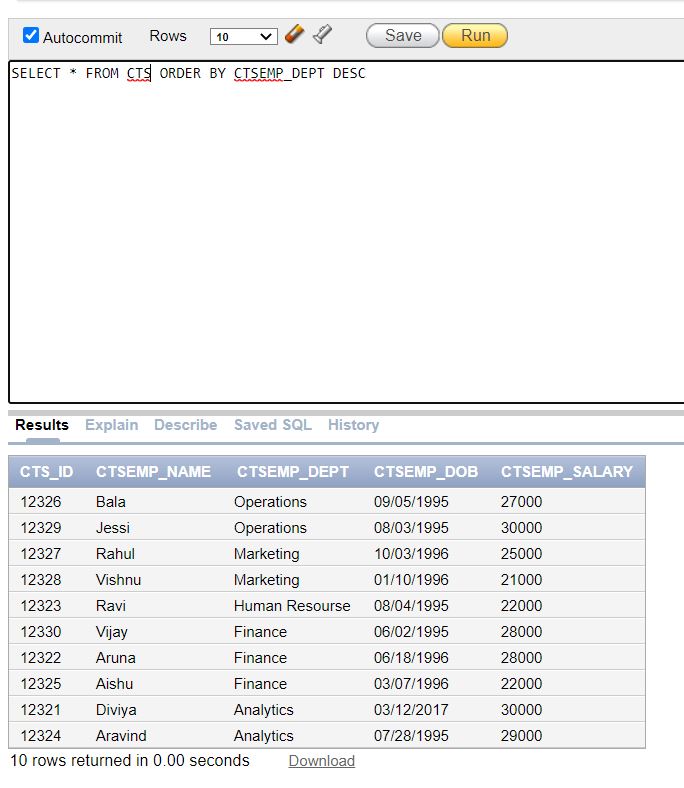
1. **SQL Command to order the names in ascending order.**

**SELECT \* FROM CTS ORDER BY CTSEMP\_NAME ASC**



1. **SQL Command to order the departments in descending order.**

**SELECT \* FROM CTSEMP ORDER BY CTSEMP\_DEPT DESC**



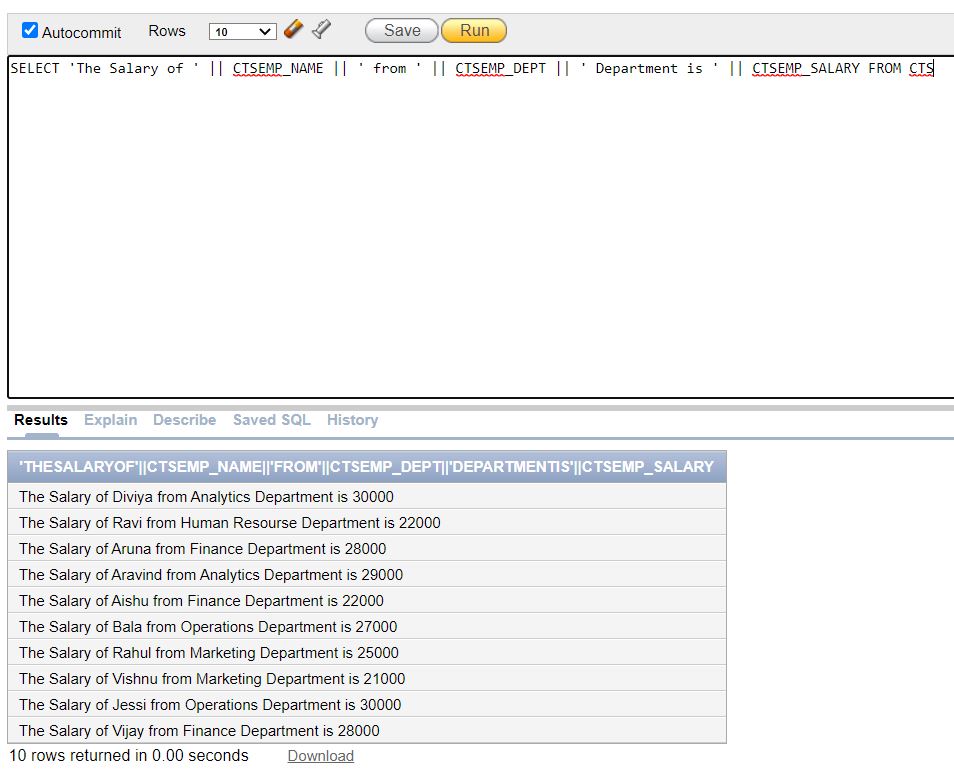
1. **Grouping the data.**

**SELECT CTSEMP\_DEPT CTSEMP\_SALARY FROM CTSEMP GROUP BY CTSEMP\_DEPT**



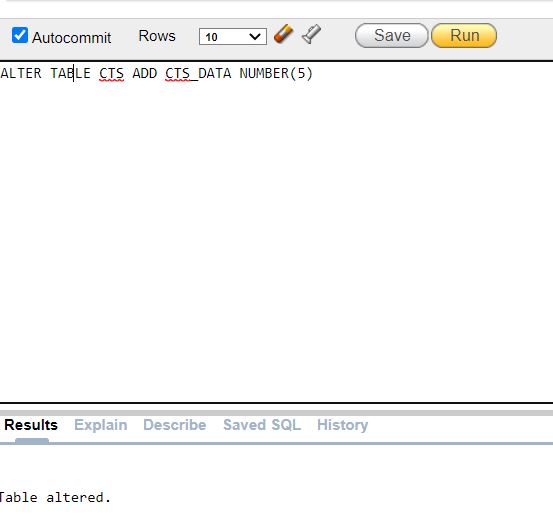
1. **To print the salary**

**SELECT 'The Salary of ' || CTSEMP\_NAME || ' from ' || CTSEMP\_DEPT || ' Department is ' || CTSEMP\_SALARY FROM CTS**



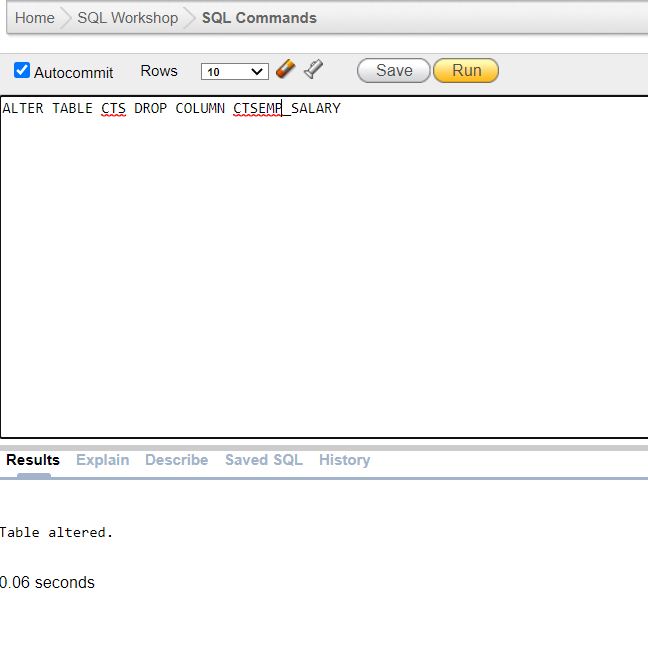
**41.SQL Command to insert a column in CTS table.**

**ALTER TABLE CTS ADD CTS\_DATA NUMBER(5)**

****

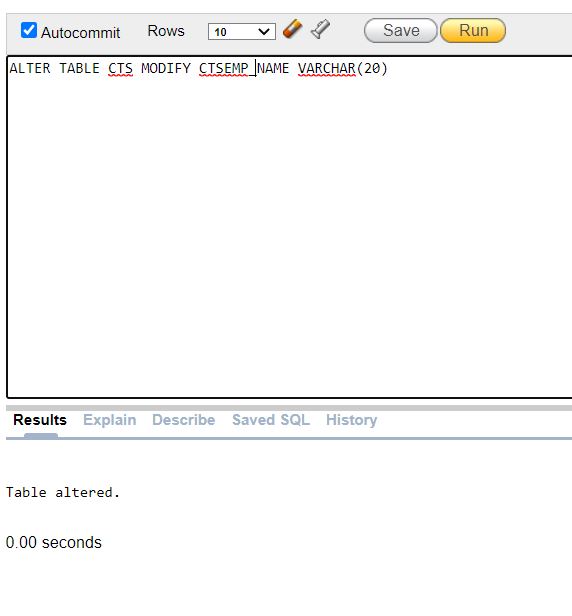
**42.SQL Command to DROP a column – CTS Salary in CTS table.**

**ALTER TABLE CTS DROP COLUMN CTS\_SALARY**



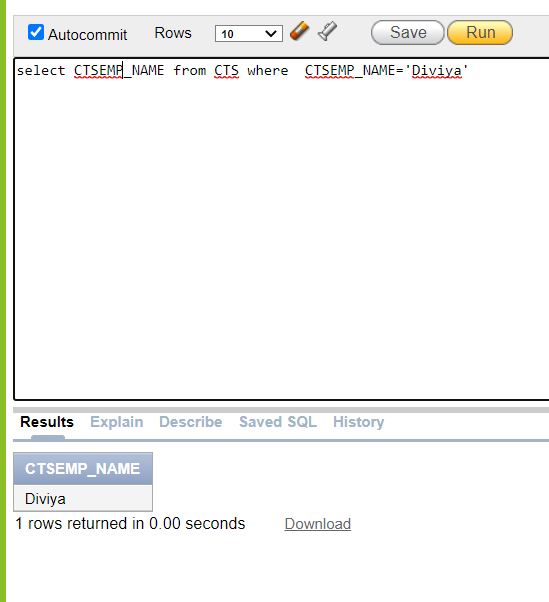
1. **To modify the table CTS.**

**ALTER TABLE CTS MODIFY CTS\_EMPNAME VARCHAR(20)**



**45.SQL Command using select statement to display the name of employee whose name is “Diviya”.**

**select CTS\_NAME from CTS where CTSEMP\_NAME='Diviya'**



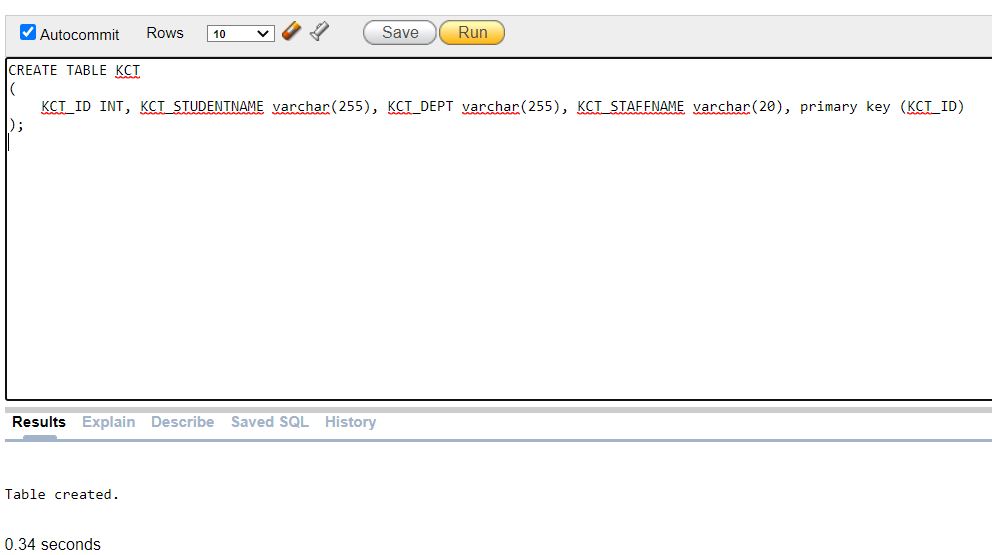
**46.SQL Command for Creating a table – KCT**

**CREATE TABLE KCT**

**(**

**KCT\_ID INT, KCT\_STUDENTNAME varchar(255), KCT\_DEPT varchar(255), KCT\_STAFFNAME varchar(20), primary key (KCT\_ID)**

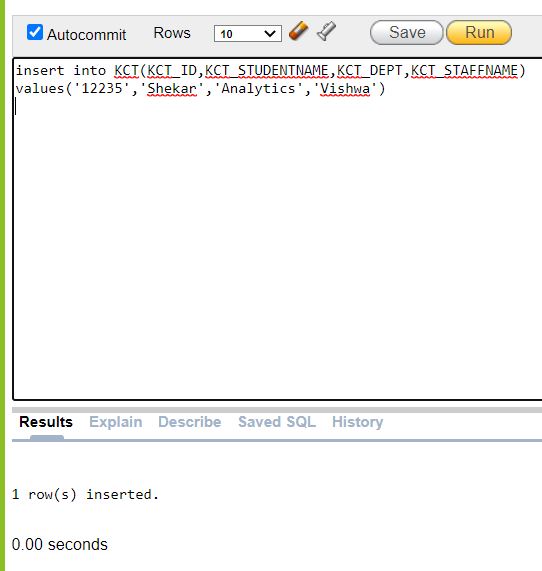
**);**



1. **SQL Command to insert a data into the table KCT.**

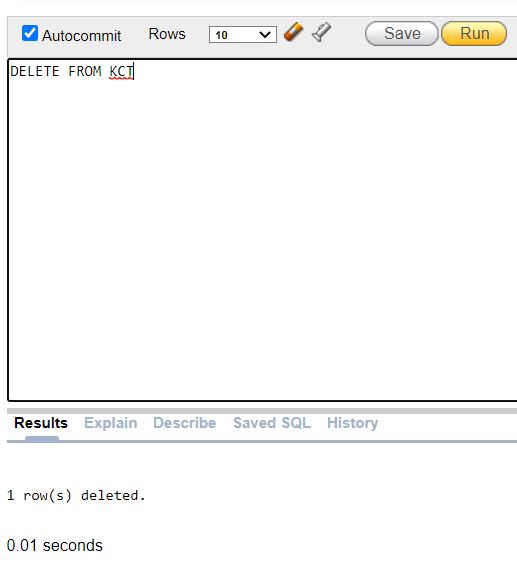
**insert into KCT(KCT\_ID,KCT\_STUDENTNAME,KCT\_DEPT,KCT\_STAFFNAME)**

**values('12235','Shekar','Analytics','Vishwa')**



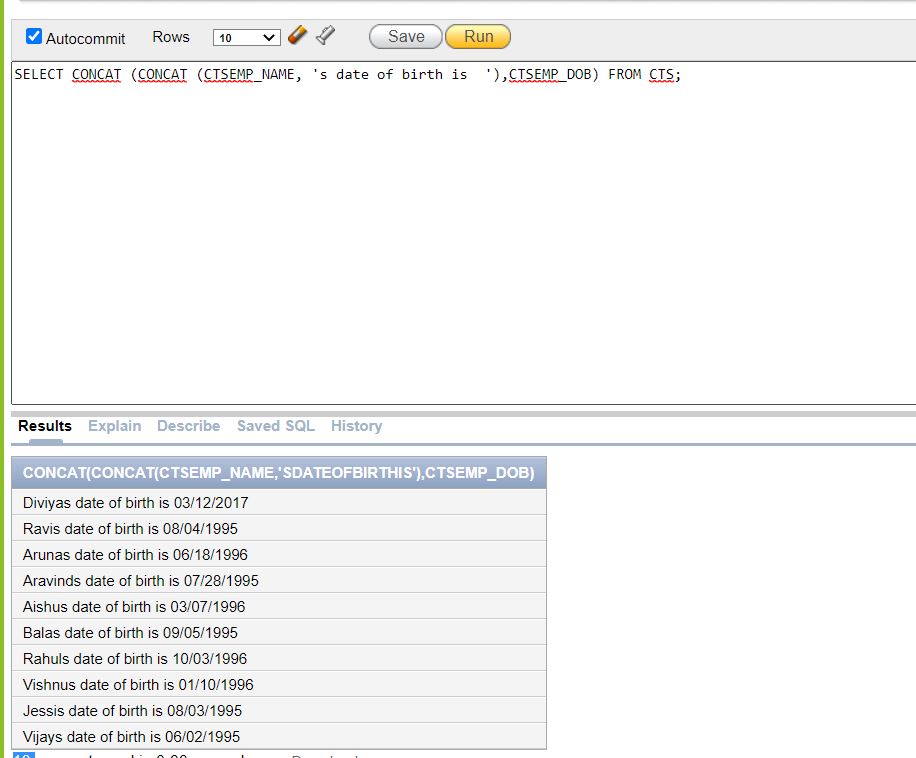
1. **SQL Command to delete all the data from KCT.**

**DELETE FROM KCT**



1. **Using CONCAT**

**SELECT CONCAT (CONCAT (CTSEMP\_NAME, 's date of birth is '),CTSEMP\_DOB) FROM CTS;**



1. **SQL Command to display the minimum value of an employee**

**select MIN(CTSEMP\_S) from CTS**

