

🚦 Packge : shivani

🚦 main method Class : Student

🚦 Other Classes :

InsertStudent,
UpdateStudent,
DeleteStudent,
GetAllStudents,
GetOneStudent

🚦 Database Used : PostgreSQL

🚦 postgresql JDBC Driver

OUTPU FROM JAVA SIDE ON CONSOLE:

eclipse-workspace - CRUD_OPERATIONS/src/shivani/Student.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Problems @ Javadoc Declaration Console X

<terminated> Student (1) [Java Application] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (24-Dec-2021, 2:57:25 pm – 3:01:44 pm)

```
Select One Operation....
1:Insert Student Data into Student Table.
2:Update Student Data into Student Table.
3>Delete Student Data from Student Table.
4:Get a list of all Students from Student Table.
5:Get one student information depending on the student id filter from Student Table
4
CONNECTION WITH DATABASE SUCCESSFULL!!!
1      Vedant      2000-04-17      2021-01-01
2      Shivani     1999-09-19      2021-01-01
3      Vedika      1999-03-03      2021-01-01
4      Atharva     1999-07-12      2021-01-01Select One Operation....
1:Insert Student Data into Student Table.
2:Update Student Data into Student Table.
3>Delete Student Data from Student Table.
4:Get a list of all Students from Student Table.
5:Get one student information depending on the student id filter from Student Table
1
CONNECTION WITH DATABASE SUCCESSFULL!!!Enter The Details Of Student

Enter The Roll Number of Student
5
Enter The Name Of Student
Shree

Enter The DOB of Student in (yyyy-mm-dd) format
2000-08-22

Enter The DOJ Of Student in (yyyy-mm-dd) format
2021-01-01

RECORD INSERTED SUSSESSFULLY!!!!
Select One Operation....
1:Insert Student Data into Student Table.
2:Update Student Data into Student Table.
3>Delete Student Data from Student Table.
4:Get a list of all Students from Student Table.
5:Get one student information depending on the student id filter from Student Table
2
CONNECTION WITH DATABASE SUCCESSFULL!!!
Enter The Roll Number of Student wWhose information you have to change
1
Enter The Name Of Student
Sadanand

Enter The DOB of Student in (yyyy-mm-dd) format
2000-04-17

Enter The DOJ Of Student in (yyyy-mm-dd) format
2021-01-01

RECORD UPDATED SUSSESSFULLY!!!!
```

```

Select One Operation....
1:Insert Student Data into Student Table.
2:Update Student Data into Student Table.
3>Delete Student Data from Student Table.
4:Get a list of all Students from Student Table.
5:Get one student information depending on the student id filter from Student Table
3
CONNECTION WITH DATABASE SUCCESSFULL!!!
Enter The Roll Number of student which u want to Delete
5

RECORD DELETED SUSSESSFULLY!!!!
Select One Operation....
1:Insert Student Data into Student Table.
2:Update Student Data into Student Table.
3>Delete Student Data from Student Table.
4:Get a list of all Students from Student Table.
5:Get one student information depending on the student id filter from Student Table
5
CONNECTION WITH DATABASE SUCCESSFULL!!!
Enter The Roll Number of student whose record u have to DISPLAY
1

1      Sadanand          2000-04-17      2000-04-17Select One Operation....
1:Insert Student Data into Student Table.
2:Update Student Data into Student Table.
3>Delete Student Data from Student Table.
4:Get a list of all Students from Student Table.
5:Get one student information depending on the student id filter from Student Table
4
CONNECTION WITH DATABASE SUCCESSFULL!!!
2      Shivani          1999-09-19      2021-01-01
3      Vedika           1999-03-03      2021-01-01
4      Atharva          1999-07-12      2021-01-01
1      Sadanand          2000-04-17      2000-04-17Select One Operation....
1:Insert Student Data into Student Table.
2:Update Student Data into Student Table.
3>Delete Student Data from Student Table.
4:Get a list of all Students from Student Table.
5:Get one student information depending on the student id filter from Student Table
0
FINISH.....

```



Type here to search



OUTPUT IN POSTGRESQL DATABASE:

CREATE

```
postgres=# create table STUDENT(student_no int primary key,student_name
varchar(30),student_dob date,student_doj date);
```

CREATE TABLE

INSERT

```
postgres=# insert into student values(5,'Atharva','1999-07-12','2021-01-01');
```

INSERT 0 1

DELETE

```
postgres=# delete from student where student_no=4;
```

DELETE 1

GETALL

```
postgres=# select * from student;
```

```
student_no | student_name | student_dob | student_doj
```

```
-----+-----+-----+-----
```

```
1 | Vedant      | 2000-04-17 | 2021-01-01
```

```
2 | Shivani     | 1999-09-19 | 2021-01-01
```

```
3 | Vedika      | 1999-03-03 | 2021-01-01
```

```
4 | Atharva     | 1999-07-12 | 2021-01-01
```

(4 rows)

GETONE

postgres=# select * from student where student_no=4;

student_no | student_name | student_dob | student_doj

-----+-----+-----+-----

4 | Atharva | 1999-07-12 | 2021-01-01

(1 row)