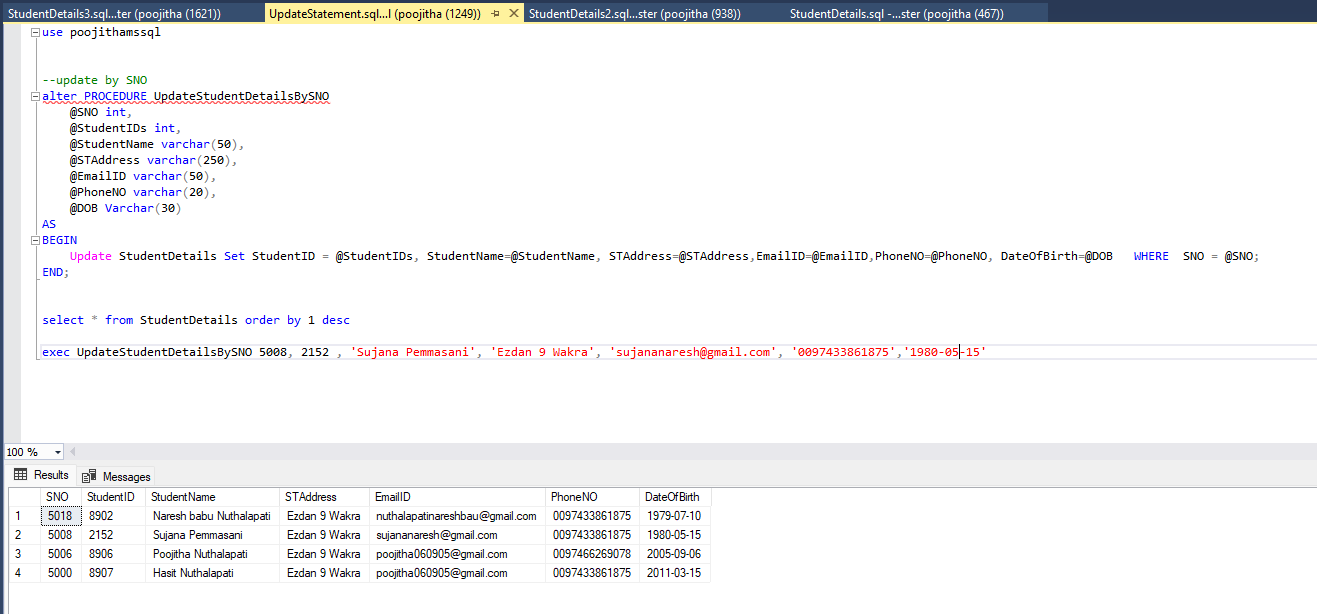
This is a detailed procedure to update students in a table using SQL database, java using spring boot tool and postman.

Step 1 :

StudentDetails table was created for which an update query was written.



use poojithamssql

--update by SNO

alter PROCEDURE UpdateStudentDetailsBySNO

@SNO int,

@StudentIDs int,

@StudentName varchar(50),

@STAddress varchar(250),

@EmailID varchar(50),

@PhoneNO varchar(20),

@DOB Varchar(30)

AS

BEGIN

Update StudentDetails Set StudentID = @StudentIDs, StudentName=@StudentName, STAddress=@STAddress,EmailID=@EmailID,PhoneNO=@PhoneNO, DateOfBirth=@DOB

WHERE SNO = @SNO;

END;

select \* from StudentDetails order by 1 desc

exec UpdateStudentDetailsBySNO 5008, 2152 , 'Sujana Pemmasani', 'Ezdan 9 Wakra', 'sujananaresh@gmail.com', '0097433861875','1980-05-15'

Step 2:

StudentDetails.java

it is a student object which is used to exchange data

**package** com.backbase;

**public** **class** StudentDetails {

**public** **int** SNO;

**public** **int** StudentID;

**public** String StudentName;

**public** String STAddress;

**public** String EmailID;

**public** String PhoneNO;

**public** String DateOfBirth;

}

StudentController.java

A screen shot of a computer code

Description automatically generated

**public** String UpdateStudent(StudentDetails STDS) {

String url = "jdbc:sqlserver://132.148.185.6;encrypt=false;databaseName=poojithamssql;user=poojitha;password=Poojitha$9";//System.getenv("SPRINGBOOTSQL");System.getenv("SPRINGBOOTSQL");System.getenv("SPRINGBOOTSQL");

**try** (Connection conn = DriverManager.*getConnection*(url)) {

// The stored procedure name

String storedProcedure = "{CALL UpdateStudentDetailsBySNO(?,?,?,?,?,?,?)}";

// Prepare the statement

**try** (PreparedStatement pstmt = conn.prepareCall(storedProcedure)) {

// Set the parameter values

pstmt.setInt(1, STDS.SNO);

pstmt.setInt(2, STDS.StudentID);

pstmt.setString(3, STDS.StudentName);

pstmt.setString(4, STDS.STAddress);

pstmt.setString(5, STDS.EmailID);

pstmt.setString(6, STDS.PhoneNO);

pstmt.setString(7, STDS.DateOfBirth);

// Execute the stored procedure

pstmt.executeUpdate();

conn.close();

System.***out***.println("Student Updated successfully.");

**return** "Student Updated";

}

} **catch** (SQLException e) {

e.printStackTrace();

**return** "Student update Failed";

}

}

BackBaseNewApplication.java

A computer screen shot of a program

Description automatically generated

@PostMapping("/studentupdate")

**public** String UpdateStudent(@RequestBody StudentDetails StudentDeatils)

{

**try**

{

StudentController StudentCont=**new** StudentController();

**return** StudentCont.UpdateStudent(StudentDeatils);

}

**catch** (Exception ex)

{

**return** ex.getMessage();

}

}

Step 3:

Post method :

<http://localhost:8080/backbase/studentupdate>

{

"SNO":"5006",

"StudentID":"8906",

"StudentName":"Poojitha Nuthalapati",

"STAddress":"Ezdan 9 Wakra",

"EmailID":"poojitha060905@gmail.com",

"PhoneNO":"0097466269078",

"DateOfBirth":"2005-09-06"

}

