

Practical 1

Algorithm :-

Step 1 :- Start

Step 2 :- Initialization \$num=0 \$S1=0 \$S2=1

Step 3 :- Display "fibonacci series number for first 12 number".

Step 4 :- Display \$S1

Step 5 :- Display \$S2

Step 6 :- While (\$num < 11) {

 Yes :- i) perform $S3 = S2 + S3$

 ii) Display \$S3

 iii) perform $S1 = S3$

 iv) perform $S2 = S3$

 v) perform $Snum = Snum + 1$

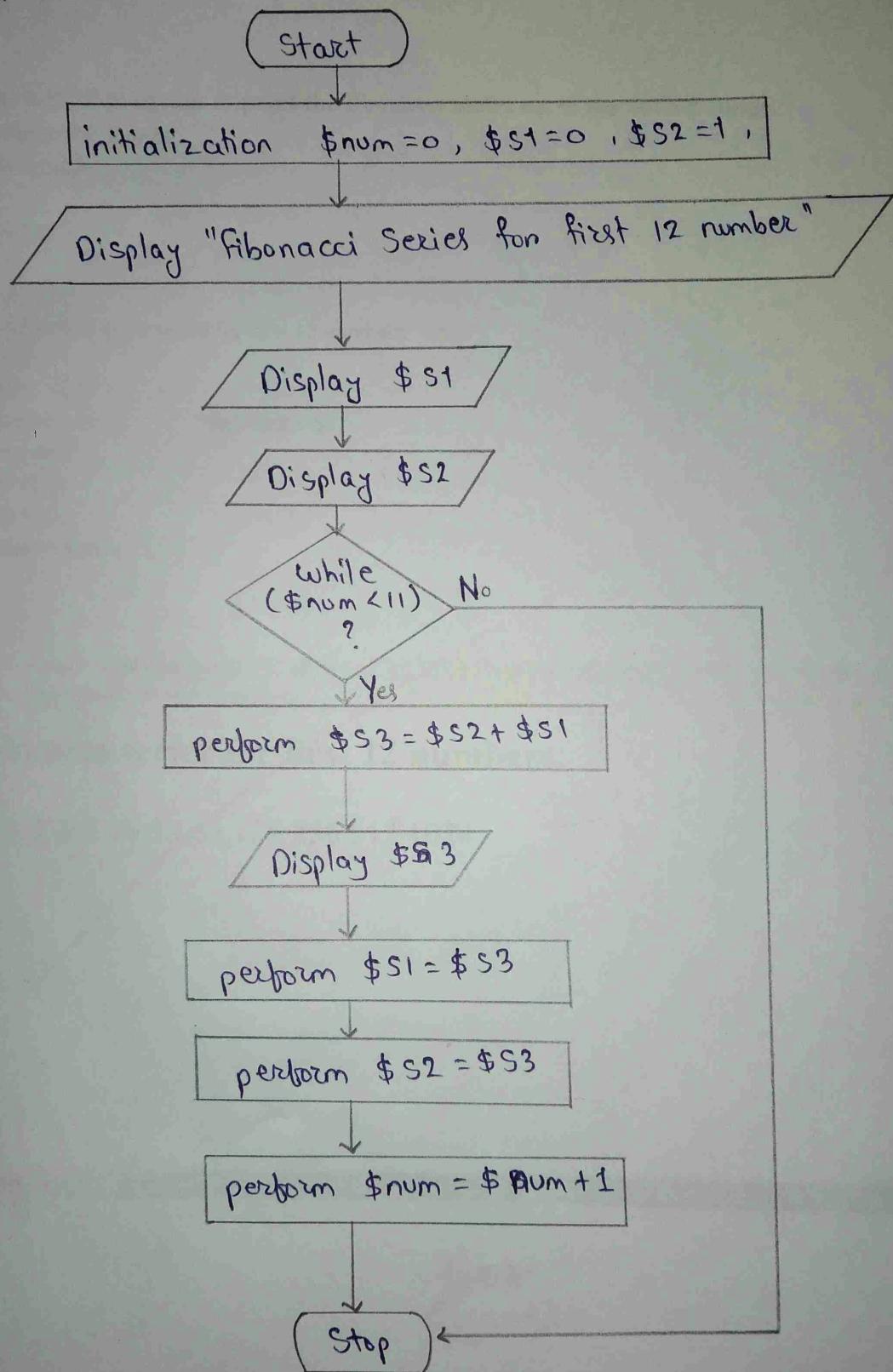
 vi) Jump to Step 7

 No :- i) Jump to Step 7

Step 7 :- Stop

Program :-

Flowchart :-



Practical 2

Algorithm :-

Step 1 :- Start

Step 2 :- Create a html page

Step 3 :- initialization \$FirstNumber , \$SecondNumber ,
\$operator , \$CalculatorResult

Step 4 :- if (is-numeric (\$FirstNumber) & & is-numeric (\$SecondNumber))

Yes :- a) switch (\$operator)

i) Case "+"

yes :- i) perform \$CalculatorResult = \$FirstNumber + \$SecondNumber

ii) Jump to step ①

No :- i) Jump to step ①

ii) Case "-"

yes :- i) perform \$CalculatorResult = \$FirstNumber - \$SecondNumber

ii) Jump to step ②

No :- i) Jump to step ②

iii) Case "*"

yes :- i) perform \$CalculatorResult = \$FirstNumber * \$SecondNumber

ii) Jump to step ③

No :- i) Jump to step ③

iv) Case "/"

yes :- i) perform \$CalculatorResult = \$FirstNumber / \$SecondNumber

ii) Jump to step ④

No :- i) Jump to step ④

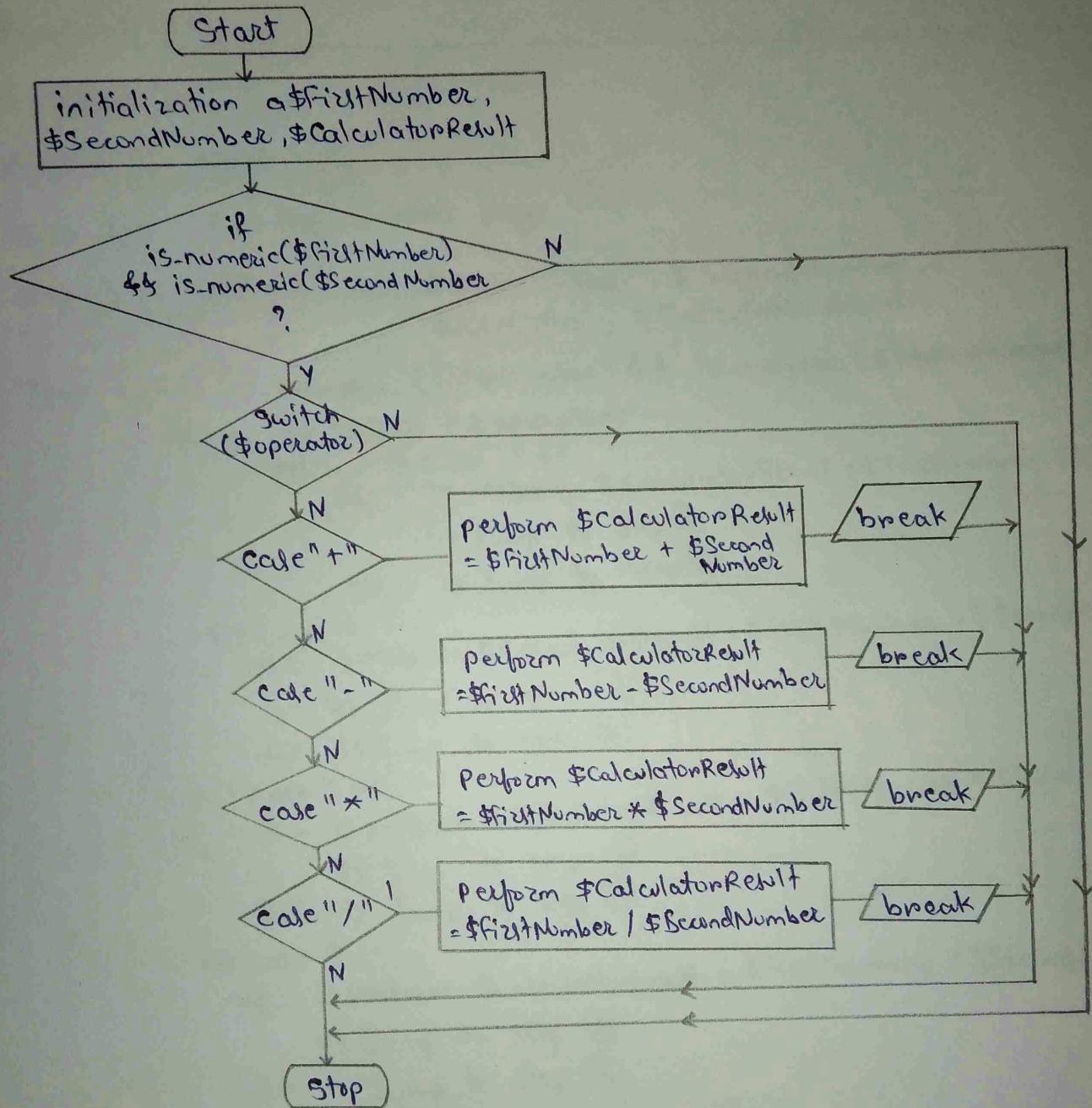
⑤) Jump to step ⑤

No :- b) Jump to step ⑤

Step 5 :- Stop

Problem 2

Flowchart :-

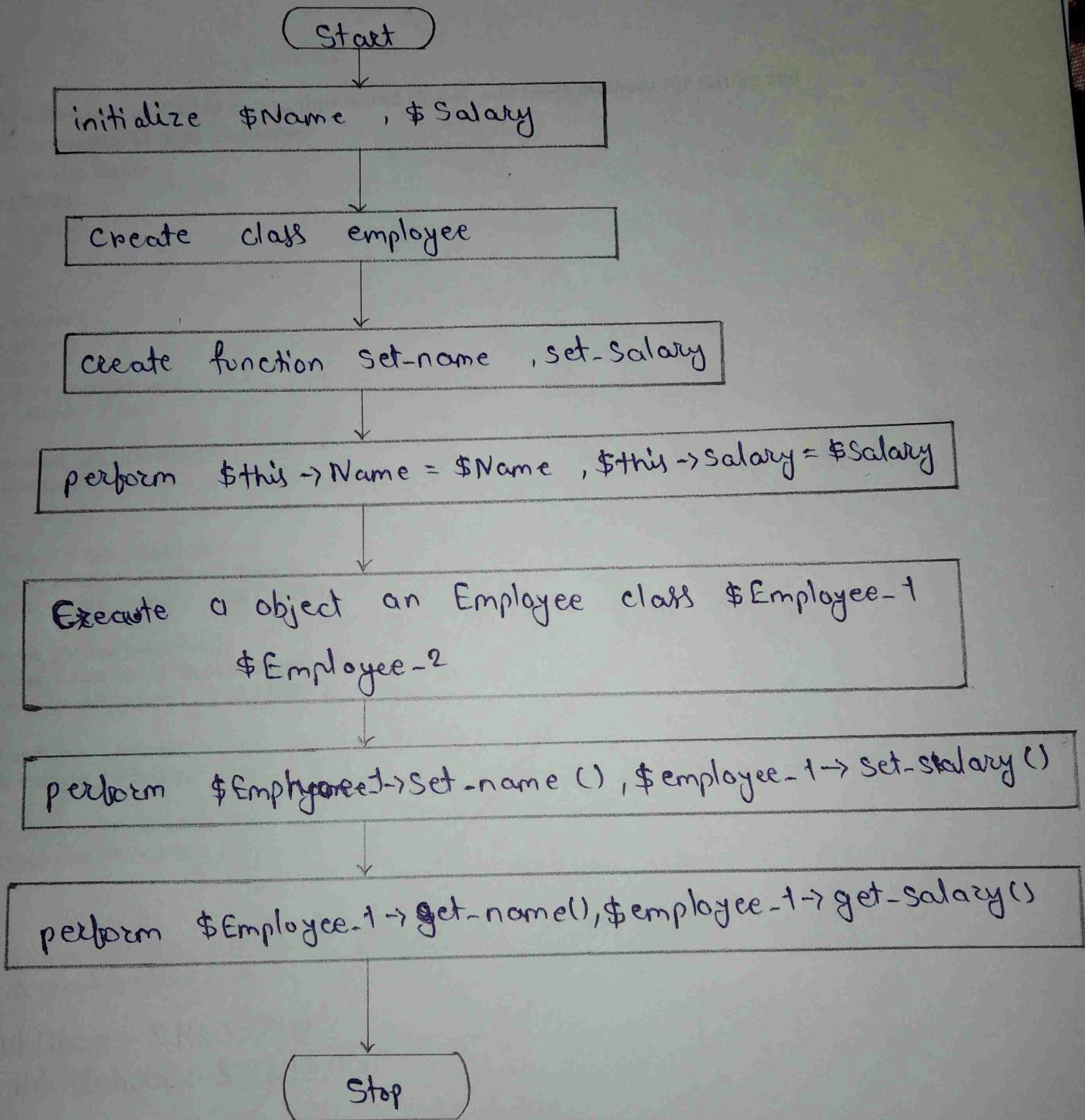


Program 3

Algorithm :-

- Step 1 :- Start
- Step 2 :- initialize \$name , \$Salary
- Step 3 :- Create a class employee
- Step 4 :- Create function set-name , set-Salary
- Step 5 :- perform \$this->Name = \$Name , \$this->Salary = \$Salary
- Step 6 :- Create a function set-name , set-Salary
- Step 7 :- Create a object of employee \$Employee-1 , \$Employee-2
- Step 8 :- Function call \$Employee-1->set-name() , \$Employee-1->set-Salary
- Step 9 :- Function call \$Employee-1->Name () ,
\$Employee-1->Salary () .
- Step 10 :- Stop

Flowchart :-



Problem 4

Algorithm :-

Step 1 :- Start

Step 2 :- initialization \$conn=mysqli_connect (\$servername,
\$username , \$password)

Step 3 :- if (!\$conn) { die ("Connection failed:".mysql_connect_error()); }

Yes:- i> Display

ii> Jump to step 4

No:- i> Jump to step 4

Step 4 :- initialize \$sql = "CREATE DATABASE SaurabhDB"

Step 5 :- if (mysqli_query (\$conn , \$sql))

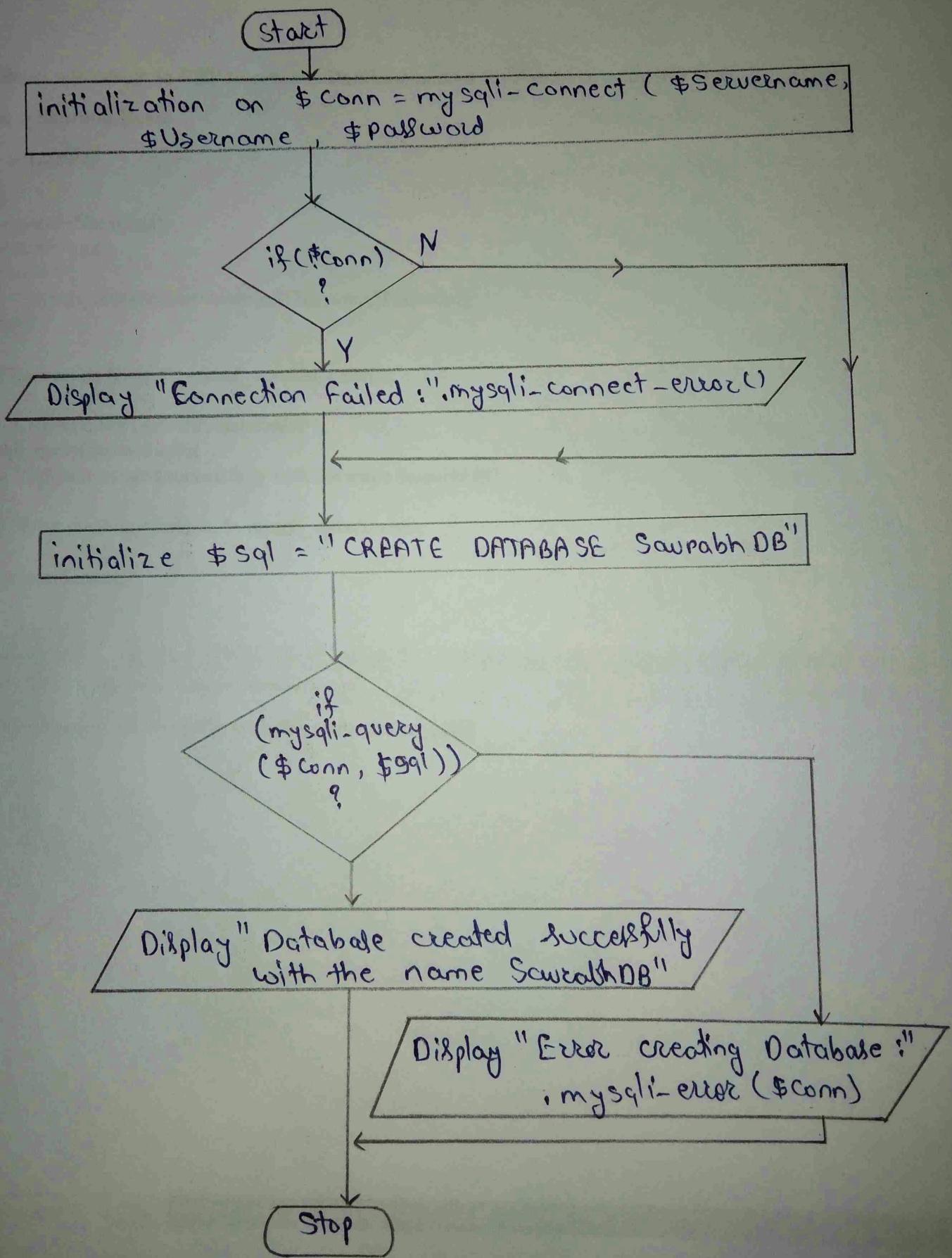
Yes:- i> Display " Database created successfully with
the name SaurabhDB "

ii> Jump to 6

No:- i> Jump Display " Error creating database :"
.mysql_error (\$conn)

Step 6 :- Stop

Flowchart :-



Practical 5

Algorithm :-

Step 1 :- Start

Step 2 :- Initialize \$servername = "localhost", \$username = "root",
\$password = "", \$dbName = "SaurabhDB"

Step 3 :- Initialize \$conn = new mysqli (\$servername, \$username,
\$password, \$dbName);

Step 4 :- if (\$conn -> connect_error)

 Yes :- i) Display ("Connection failed", \$conn -> connect_error);

 ii) Jump to Step 5

 No :- i) Jump to Step 5

Step 5 :- perform \$sql = "CREATE TABLE MyTable (
 roll-no INT (6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
 firstname VARCHAR (30) NOT NULL,
 lastname VARCHAR (30) NOT NULL,
 class VARCHAR (50)
)";

Step 6 :- if (\$conn -> query (\$sql) == true)

 Yes :- i) Display "Table created successfully"

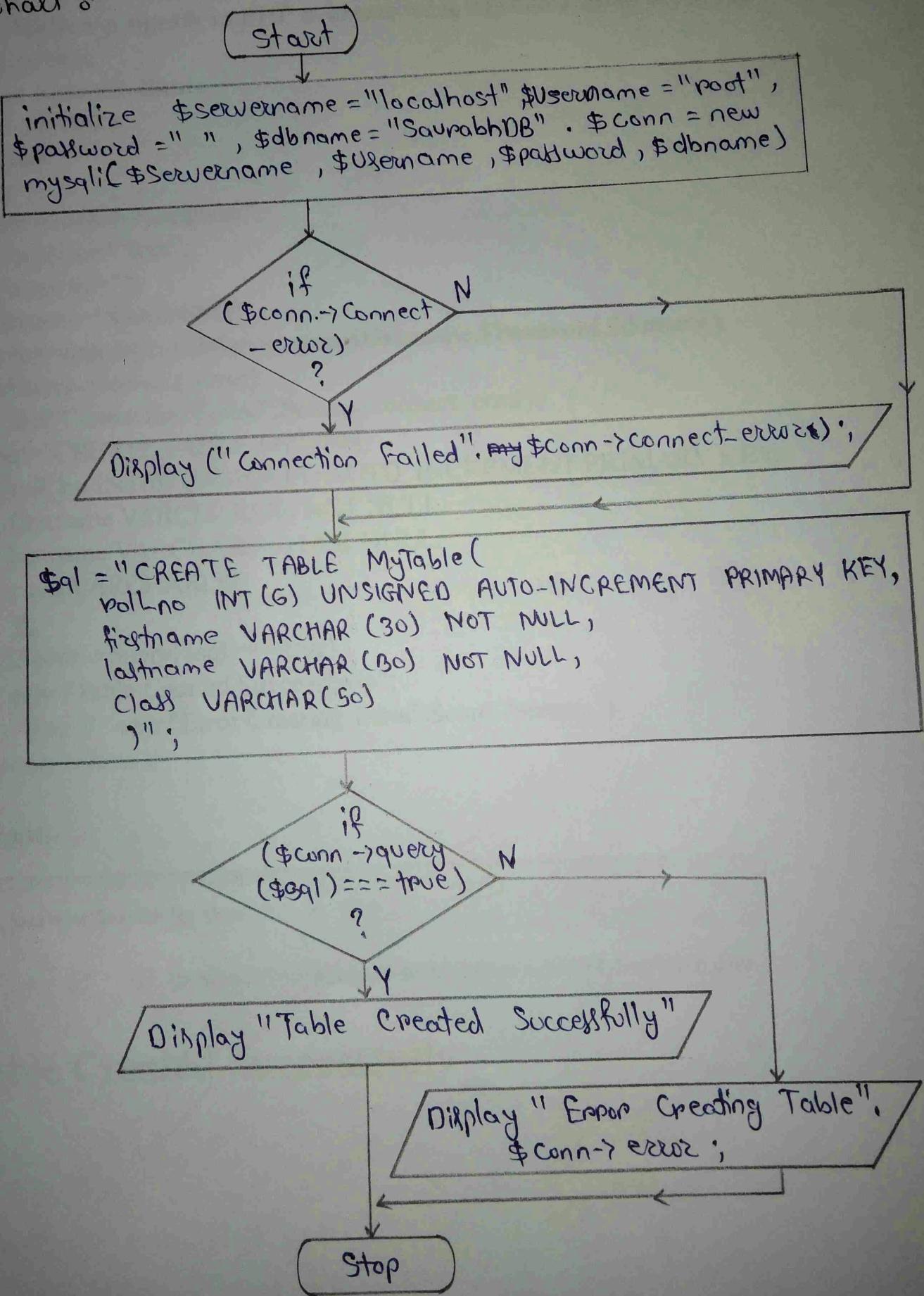
 ii) Jump to Step 7

 No :- i) Display "Error creating Table". \$conn -> error;

 ii) Jump to Step 7

Step 7 :- Stop

Flowchart 8-



Practical 6

Algorithm :-

Step 1 :- Start

Step 2 :- Initialize \$servername = "localhost", \$username = "root",
\$password = "", \$dbname = "SaurabhDB";

Step 3 :- if (!\$conn)

Yes:- i) Display ("Sorry we failed connect:". mysqli_connect_error());

ii) Jump to Step 4

No:- ii) Jump to Step 4

Step 4 :- perform \$sql = "INSERT INTO 'StudentsLogin' ('Name',
'Address') VALUES ('\$name', '\$Address')";

Step 5 :- if (!\$result)

Yes:- i) Display "The Record Has Been Inserted
Successfully!..."

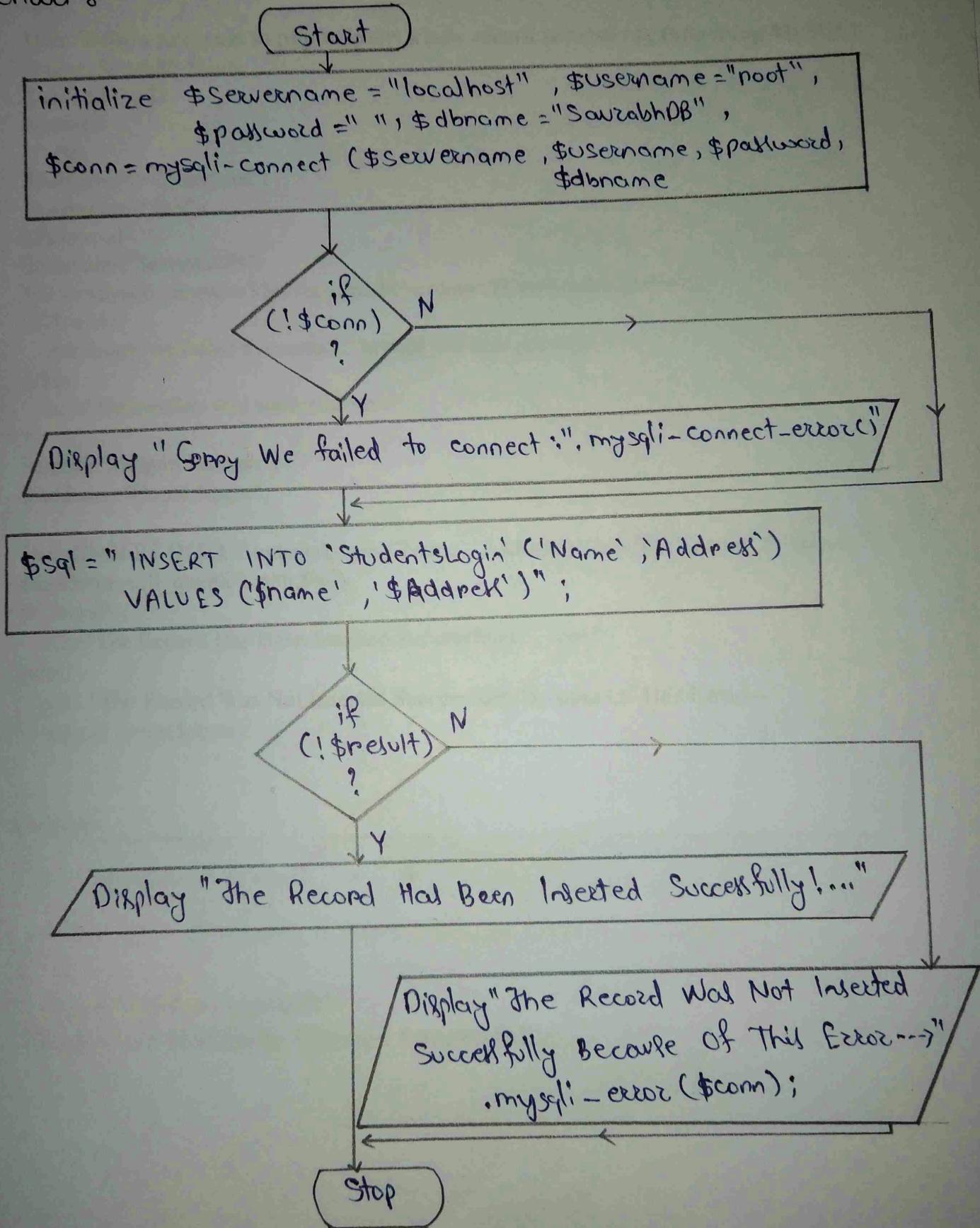
ii) Jump to Step 6

No:- i) Jump to Step 6

ii) Display "The Record Was NOT Inserted
Successfully Because Of This Error -->
.mysqli_connect_error(\$conn);

Step 6 :- Stop

Flowchart :-



Practice 7

Algorithm :-

Step 1 :- Start

Step 2 :- Initialize \$servername = "localhost", \$username = "root",
\$password = "", \$dbname = "SaurabhDB", \$conn = new
mysqli (\$servername, \$username, \$password, \$dbname)

Step 3 :- if (\$conn → connect_error)

Yes:- i) Display ("Connection failed". \$conn → connect_error);

ii) ⇒ Jump to Step 4

No:- i) Jump to Step 4

Step 4 :- \$sql = "INSERT INTO 'MyTable1' (roll-no, firstname, lastname,
class) VALUES ('1', 'Swagati', 'Pachare', 'MCA-1');";
\$sql .= "INSERT INTO 'MyTable1' (roll-no, firstname, lastname,
class) VALUES ('2', 'Rahul', 'Bisen', 'MCA-1');";
\$sql .= "INSERT INTO 'MyTable1' (roll-no, firstname, lastname,
class) VALUES ('3', 'Truth', 'Kambdi', 'MCA-1')";

Step 5 :- if (\$conn → multi-query (\$sql) == TRUE)

Yes:- i) Display "New multiple records created successfully";

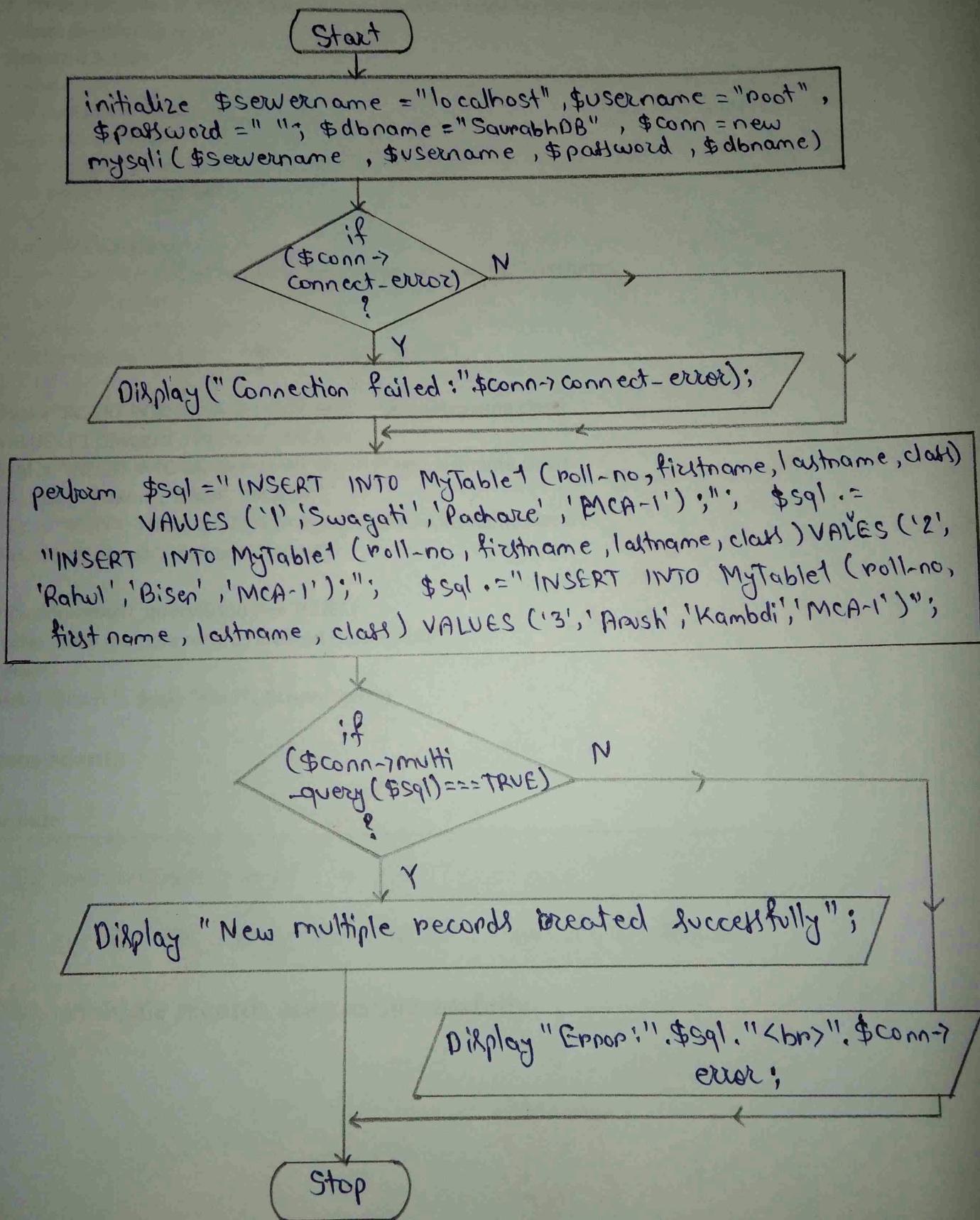
ii) Jump to Step 6

No:- i) Jump to 5 & Display "Error!". \$sql. "
". \$conn → error;

ii) Jump to step 6

Step 6 :- Stop

Flowchart :-

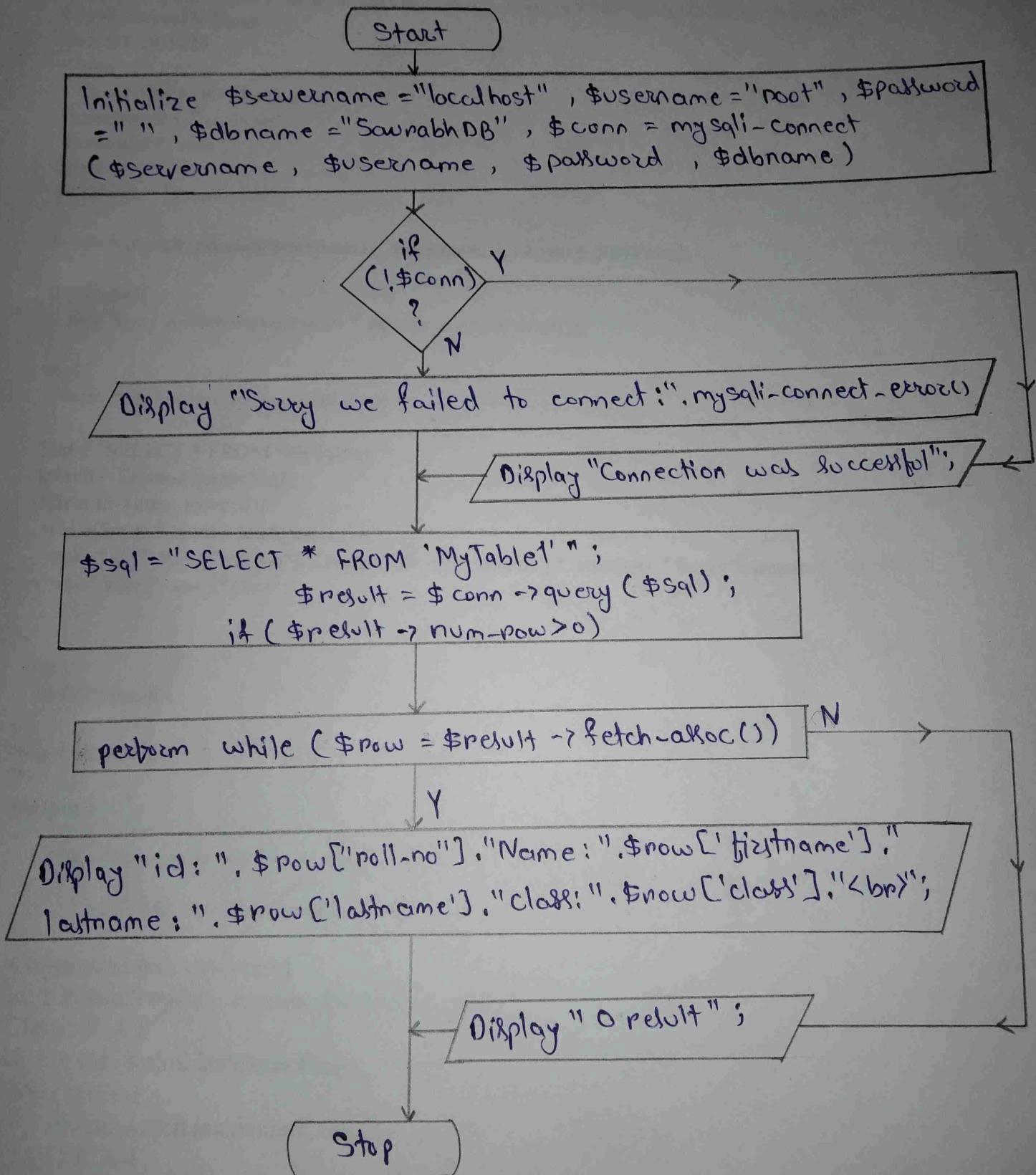


Practical 8

Algorithm :-

- Step 1 :- Start
- Step 2 :- Initialize \$servername = "localhost", \$username = "root",
\$password = "", \$dbname = "SaurabhDB", \$conn = mysqli-
connect (\$servername, \$username, \$password, \$dbname)
- Step 3 :- if (!\$conn)
 Yes :- i) Display ("Sorry we failed to connect:".mysql-
 -connect-error());
 ii) Jump to Step 4
 No:- ii) Jump to Step 4
- Step 4 :- Perform \$sql = "SELECT * FROM 'MyTable1'" ;
- Step 5 :- Perform \$result = \$conn->query(\$sql);
- Step 6 :- if (\$result->num-rows > 0)
 while (\$row = \$result->fetch-assoc())
 Yes:- i) Display " id:" . \$row["roll-no"] . "Name:" . \$row
 ['firstname'] . "lastname:" . \$row['lastname'] . "
" .
 \$class: " . \$row['class'] . "
" ;
 ii) Jump to Step 7
 No:- i) Display "0 result";
 ii) Jump to Step 7
- Step 7 :- Stop

Flowchart :-



Practical 9

Algorithm :-

Step 1 :- Start

Step 2 :- Initialize \$servername = "localhost", \$username = "root",
\$password = "", \$dbname = "MyDatabase", \$conn = new
mysqli (\$servername, \$username, \$password, \$dbname)

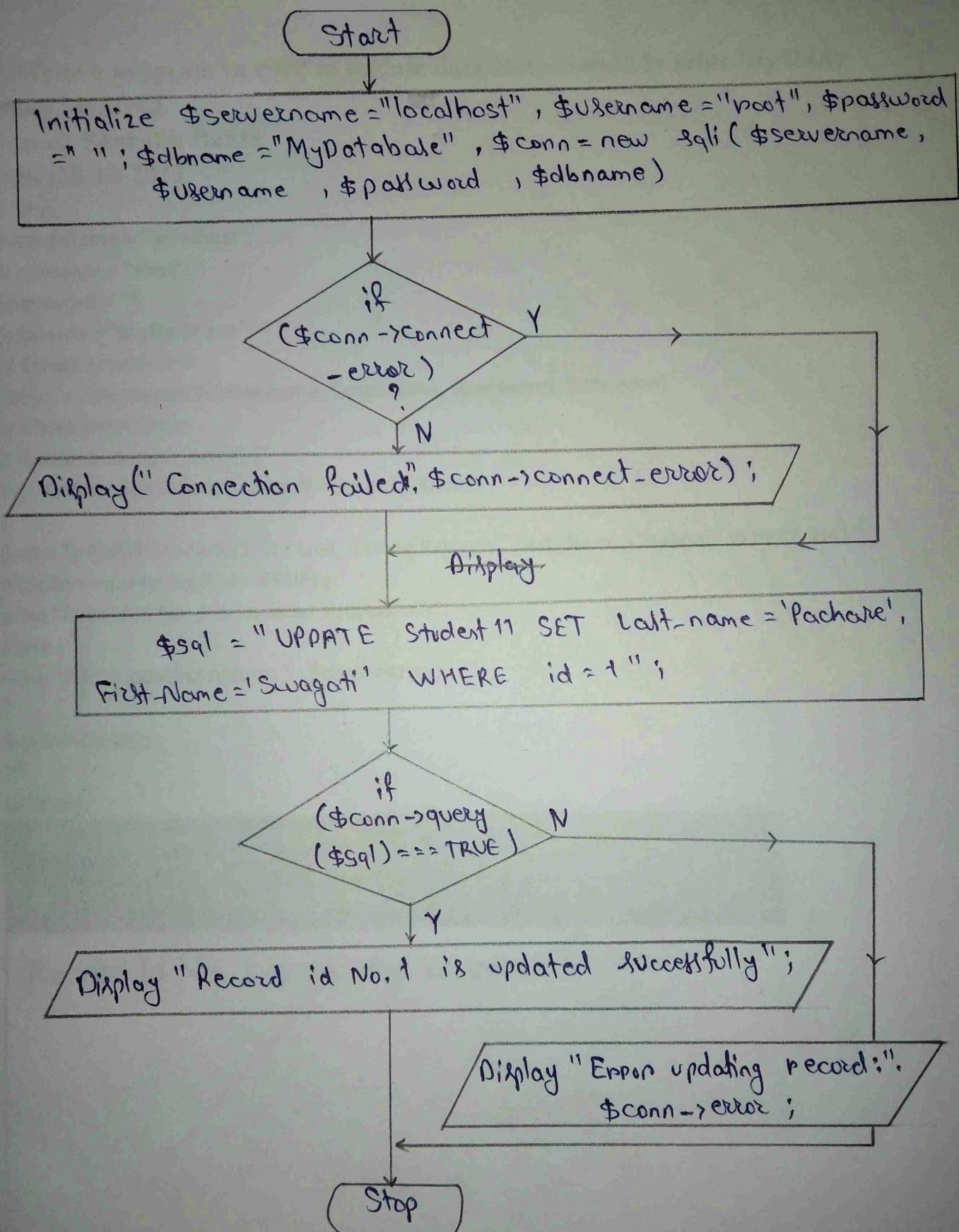
Step 3 :- if (\$conn->connect_error)
Yes:- > Display ("Connection failed: ". \$conn->connect_error);
 ii> Jump to Step 4
No:- > Jump to Step 4

Step 4 :- \$sql = "UPDATE Student11 SET Last_name = 'Pachare',
First_Name = 'Swagati' WHERE id = 1";

Step 5 :- if (\$conn->query (\$sql) == TRUE)
Yes:- > Display "Record Id No.1 is updated successfully";
 ii> Jump to Step 6
No:- > Display "Error updating record: ". \$conn->error;
 ii> Jump to Step 6

Step 6 :- Stop

Flowchart :-



Practical 10

Algorithm :-

Step 1 :- Start

Step 2 :- Initialize \$servername = "localhost", \$username = "root",
\$password = "", \$dbname = "MyDatabase", \$conn =
new mysqli (\$servername, \$username, \$password, \$dbname);

Step 3 :- if (\$conn->connect_error)

Yes:- i) Display ("Connection failed:". \$conn->connect_error);

ii) Jump to Step 4

No:- i) Jump to Step 4

Step 4 :- \$sql = "DELETE FROM MCA-INFO WHERE roll-no = 9";

Step 5 :- if (\$conn->query(\$sql) === TRUE)

Yes:- i) Display "Record Deleted successfully in Table
MCA-INFO ...";

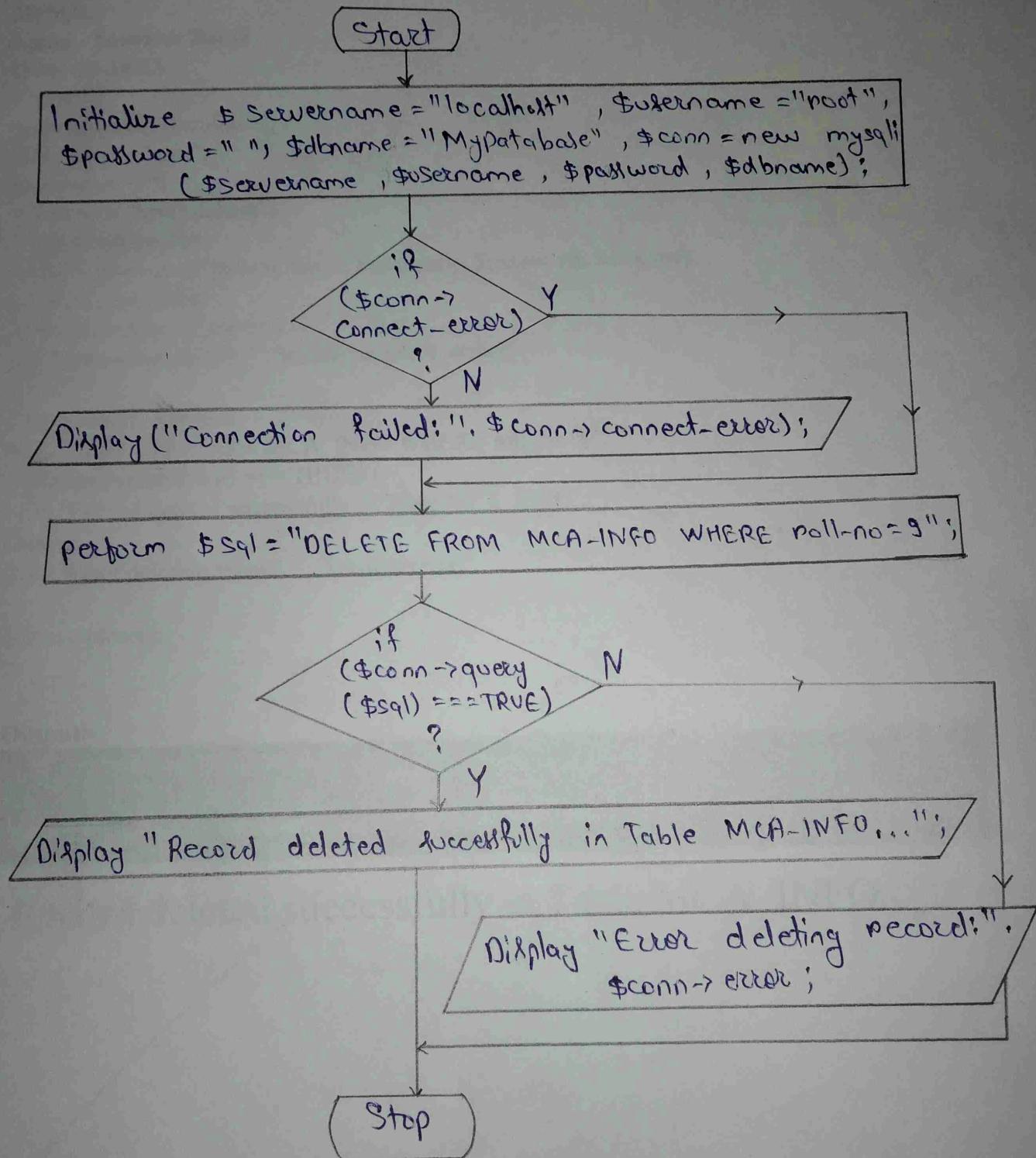
ii) Jump to Step 6

No:- i) Display "Error deleting record:". \$conn->error;

ii) Jump to Step 6

Step 6 :- Stop

Flowchart :-



Practical 11

Algorithm :-

Step 1 :- Start

Step 2 :- initialize \$mail

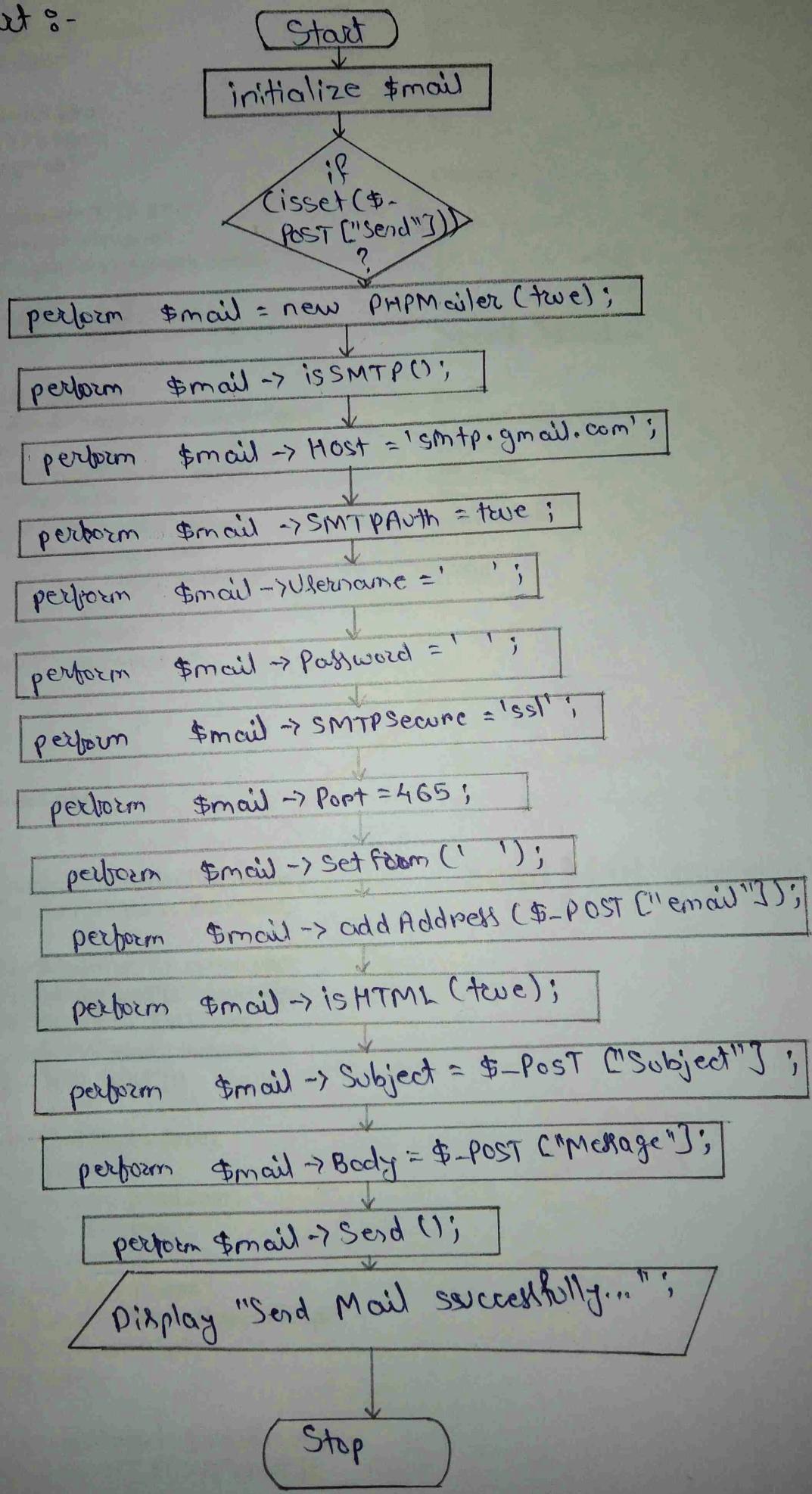
Step 3 :- if (!isset(\$_POST["Send"]))

~~Step 4 :- Yes :-~~ i) perform \$mail = new PHPMailer(true);
ii) perform \$mail -> isSMTP();
iii) perform \$mail -> Host = 'smtp.gmail.com';
iv) perform \$mail -> SMTPAuth = true;
v) perform \$mail -> Username = ' ';
vi) perform \$mail -> Password = ' ';
vii) perform \$mail -> SMTPSecure = 'ssl';
viii) perform \$mail -> Port = 465;
ix) perform \$mail -> setFrom(' ');
x) perform \$mail -> addAddress(\$_POST["email"]);
xi) perform \$mail -> isHTML(true);
xii) perform \$mail -> Subject = \$_POST["Subject"];
xiii) perform \$mail -> Body = \$_POST["message"];
xiv) perform \$mail -> send();
xv) Display "Send Mail Successfully...";
xvi) Jump to Step 4

No :- i) Jump to Step 4

Step 5 :- Stop

Flowchart :-



Practical 12

Algorithm :-

Step 1 :- Start

Step 2 :- Create HTML Document

Step 3 :- Check if the "Submit" button has been clicked and the form has been submitted.

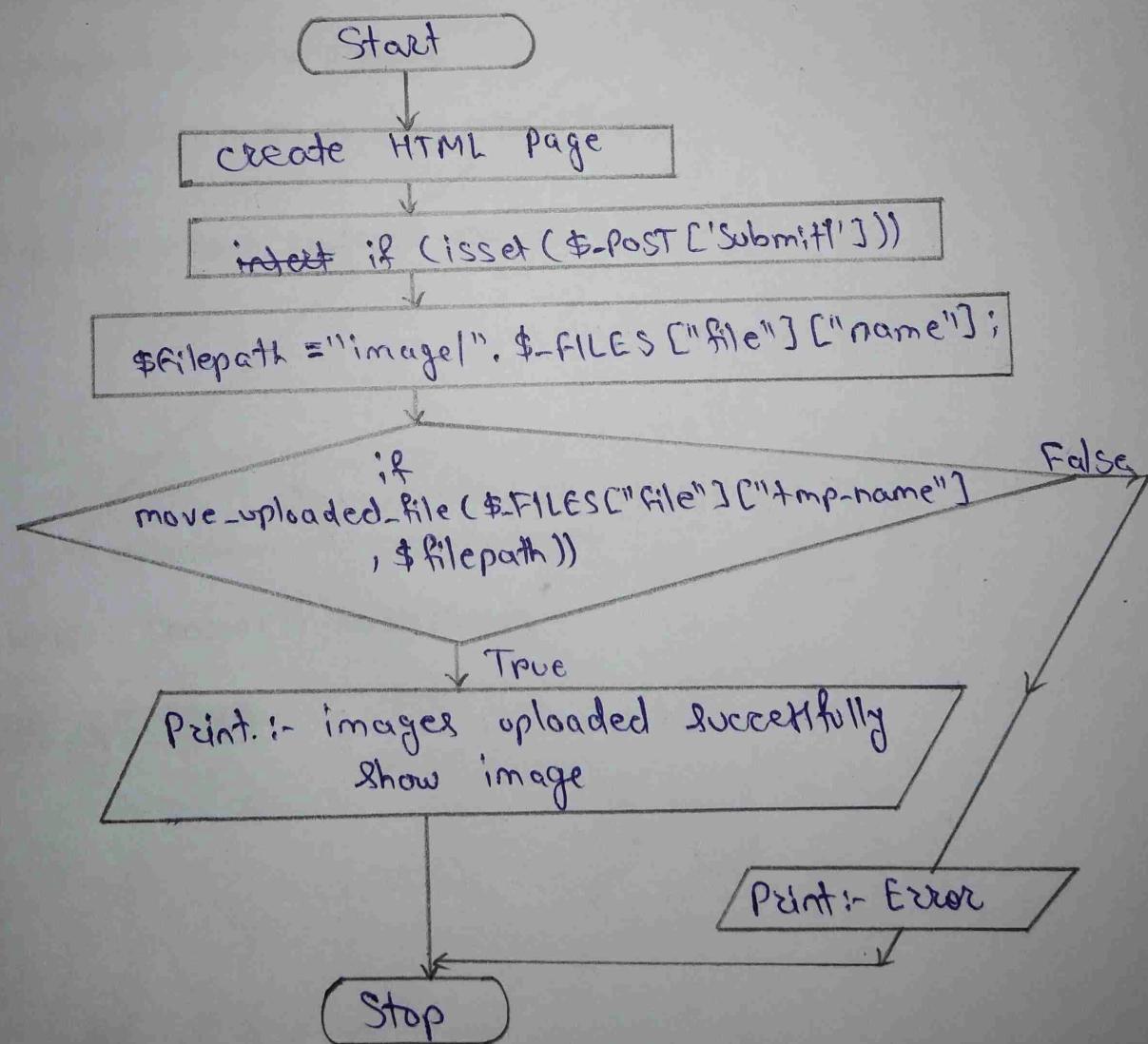
Step 4 :- If the form has been submitted, get the path to the uploaded file and store it in the \$filepath variable

Step 5 :- Move the uploaded file from the temporary location to the specified directory using the "move_uploaded_file" function

Step 6 :- If the file has been moved successfully, display the uploaded image on the webpage.

Step 7 :- If there is an error moving the file, display an error message on the webpage.

Flowchart :-



Practice 13

Algorithm :-

Step 1 :- Start

Step 2 :- create HTML Page

Step 3 :- check if the submit button is clicked and the form is submitted using the `isset` function and the `'$_POST'` super global key

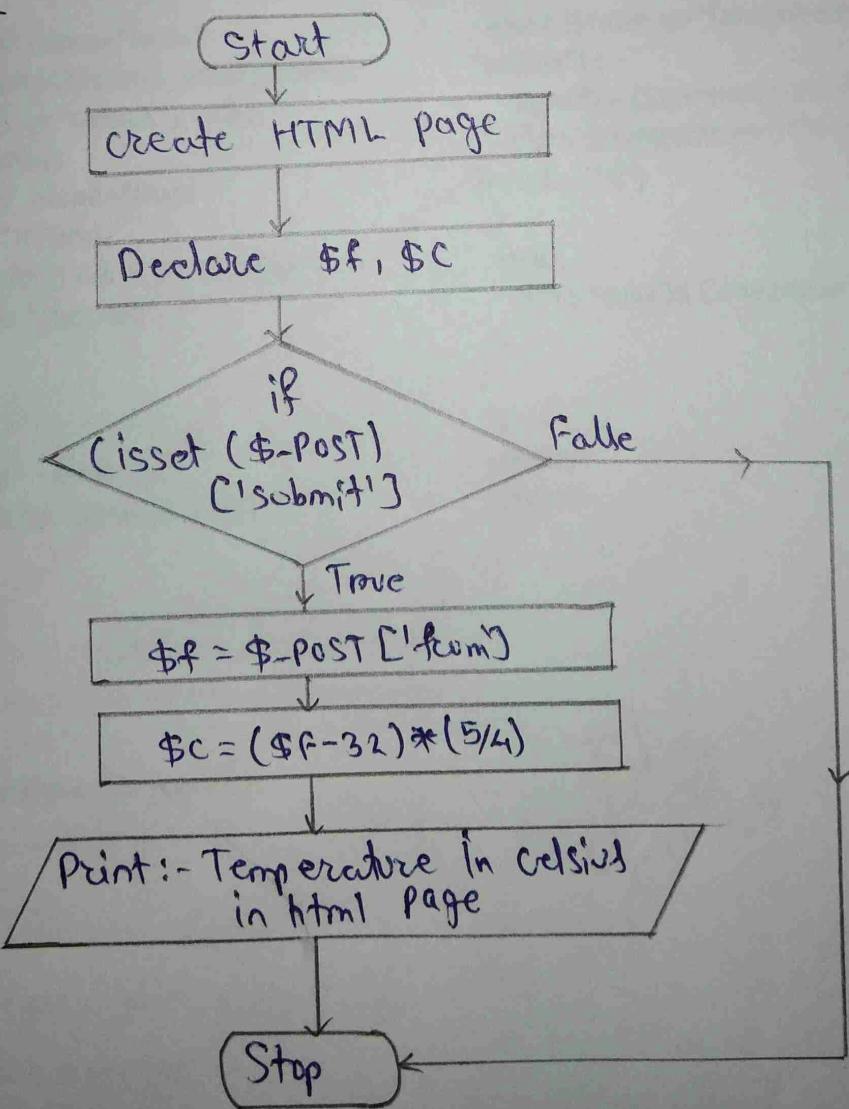
Step 4 :- If the form is submitted, get the temperature value in ~~farhenheit~~ from using the `'$_POST'` and store it in the `'$F'` variable.

Step 5 :- convert the 'Celsius' temperature value into 'farenheit' using formula $C = (F - 32) * (5/9)$ and store result in `'$c'` variable

Step 6 :- Display the converted temperature value in celsius on the webpage using the `echo` statement.

Step 7 :- Stop

Flowchart :-



Practical 14

Algorithm :-

Step 1:- Start

Step 2:- create a HTML document

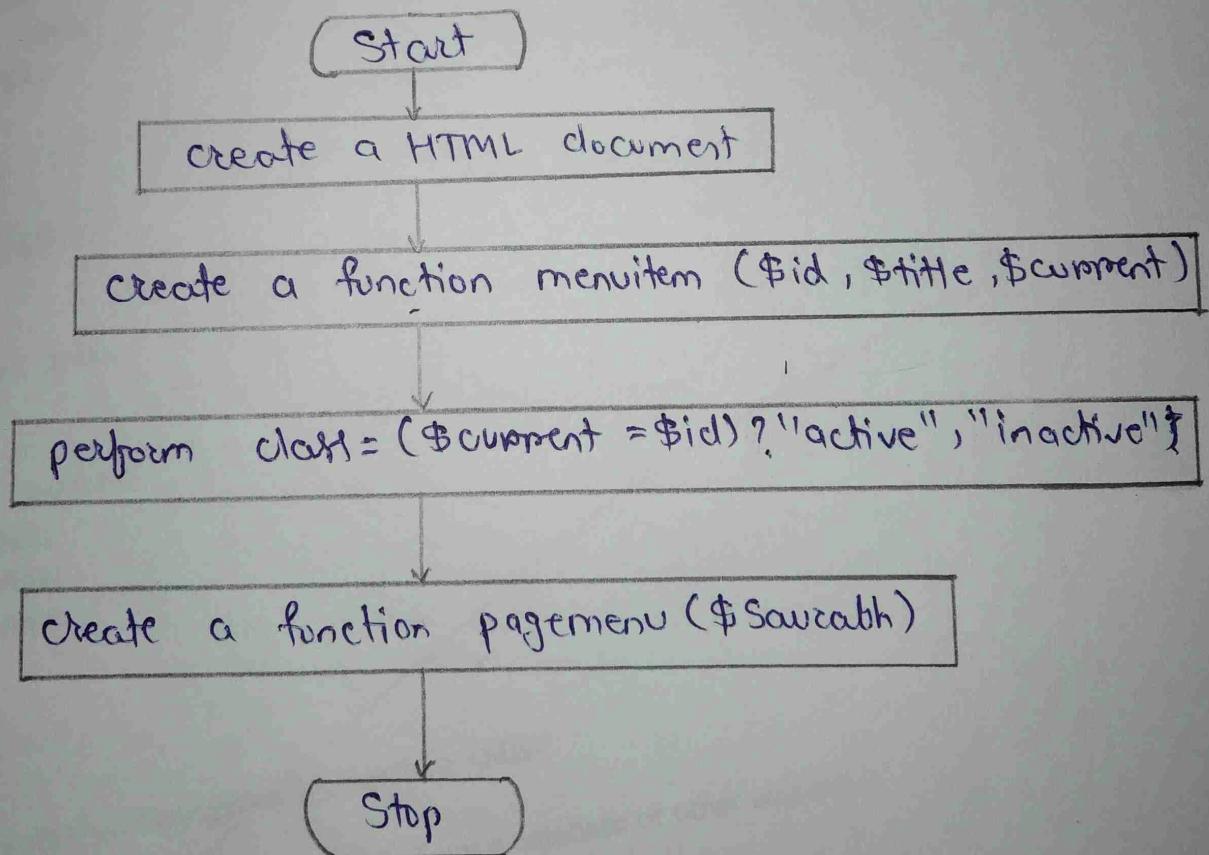
Step 3:- create a function menuitem (\$id, \$title, \$current)

Step 4:- perform class = (\$current == \$id) ? "active", "inactive"

Step 5:- create a function pagemenu (\$Savrabh)

Step 6:- Stop

Flowchart :-



Practical 15

Algorithm :-

Step 1 :- Start

Step 2 :- initialize \$width = 200 , \$height = 200 , \$image ,
\$background , \$black , \$sidelength , \$x , \$y , \$angle ,
\$textColor , \$text , \$font , \$fontSize , \$textX , \$textY .

Step 3 :- perform \$image = imagecreatewecolor (\$width , \$height)

Step 4 :- perform \$background = imagecolorallocate (\$image , 215 , 215 , 255)
imagefill (\$image , 0 , 0 , \$background)

Step 5 :- perform \$black = imagecolorallocate (\$image , 0 , 0 , 0)

Step 6 :- perform imagefilledrectangle (\$image , \$x , \$y , \$x + \$sidelength ,
\$y + \$sidelength , \$black)

Step 7 :- perform \$angle = 45 \$image = imagerotate (\$image , \$angle ,
\$background)

Step 8 :- perform \$textColor = imagecolorallocate (\$image , 255 , 255 , 255)
\$text = "Hello , @-Saurabh-g-!..." ; \$font = 4

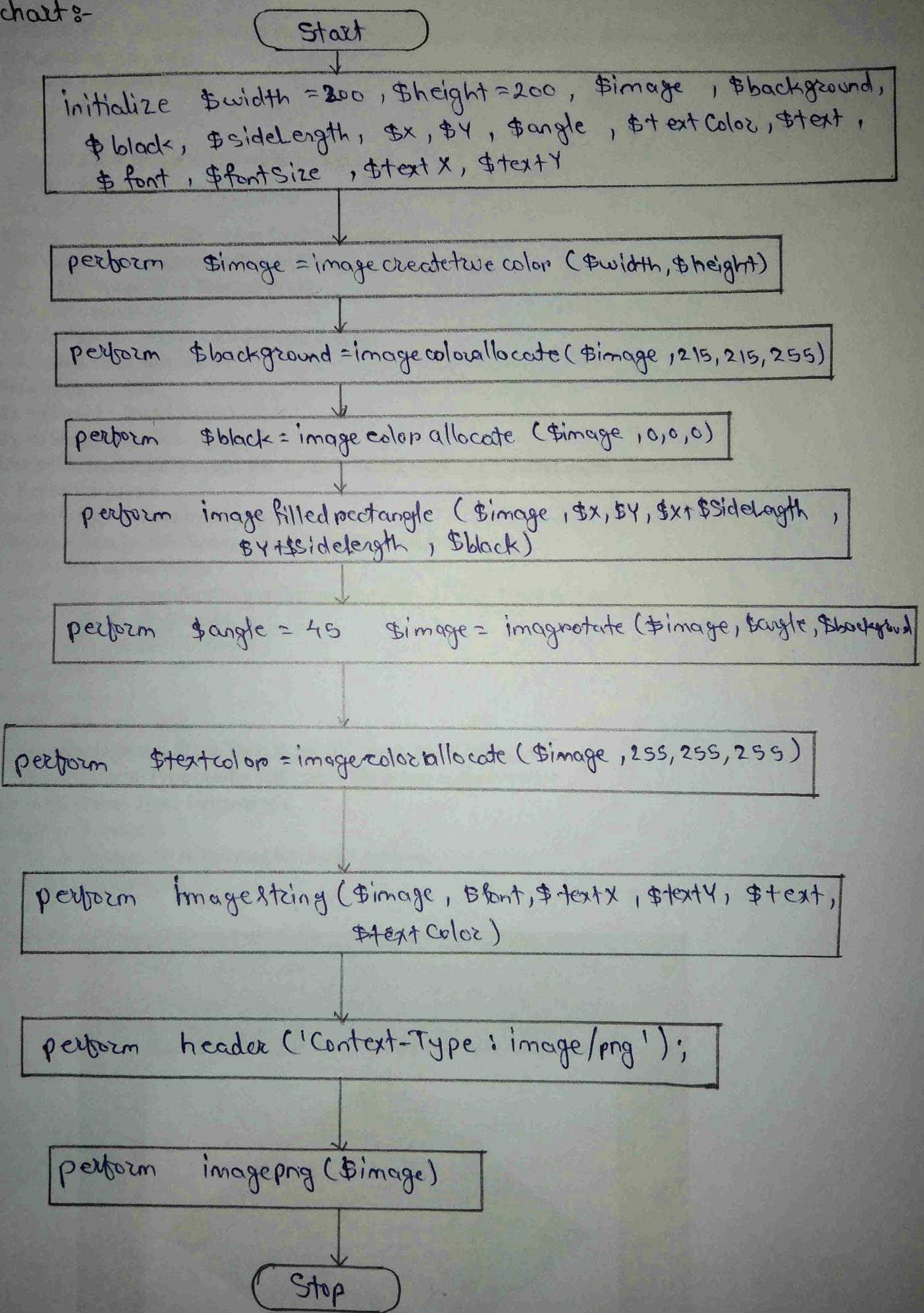
Step 9 :- perform imagesetstring (\$image , \$font , \$textX , \$textY , \$text ,
\$textColor)

Step 10 :- perform header ('Content-Type : image / Png ') ;

Step 11 :- perform imagepng (\$image) ;

Step 12 :- Stop

Flowchart:-



Practical 16

Algorithm :-

Step 1 :- Start

Step 2 :- Create a class PDF extends FPDF

Step 3 :- Create a function Header()

Step 4 :- Perform ~~\$this~~ require ("Fpdf.php");

Step 5 :- Perform \$pdf = new FPDF();

Step 6 :- if (isset(\$_POST['create']))

Step 7 :- Perform \$pdf -> AddPage();

\$pdf -> SetFont("Arial", "B", 19);

Step 8 :- Perform: \$pdf -> Cell(50, 10, "Name", 1, 0)

\$pdf -> Cell(140, 10, \$Name, 1, 1)

Step 9 :- Perform \$pdf -> Cell(50, 10, "Full Name", 1, 0)

\$pdf -> Cell(140, 10, \$Name, 1, 1)

Step 10 :- Perform \$pdf -> Cell(50, 10, "Username", 1, 0)

\$pdf -> Cell(140, 10, \$Username, 1, 1)

\$pdf -> Cell(50, 10, "email", 1, 0)

\$pdf -> Cell(140, 10, \$email, 1, 1)

Step 12 :- Stop

Flowchart :-

