PROBLEM STATEMENT

Write a stored procedure to paginate the data that comes out of a query

(A pagination is to fetch only limited amount of data from DB according to the user input rather than fetching the entire set of data. User will select the page number and the number of records per page. According to the user input, only a specific set of data is fetched.
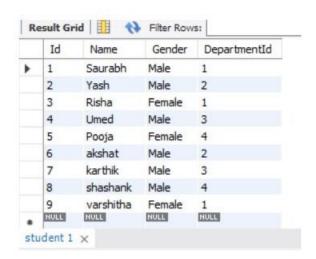
Eg: user selects page number as 1 and number of records per page as 10, The database should fetch the first 10 records.

user selects page number as 3 and number of records per page as 10, The database should fetch 10 records starting from 31st record which is the third page)

      a) use the input parameter of stored procedure as page number and number of rows per page.

      a) A query needs to be executed to display data from Employees Table according to inputs

SOLUTION:-

STUDENT TABLE

Id	Name	Gender	DepartmentId
1	Saurabh	Male	1
2	Yash	Male	2
3	Risha	Female	1
4	Umed	Male	3
5	Pooja	Female	4
6	akshat	Male	2
7	karthik	Male	3
8	shashank	Male	4
9	varshitha	Female	1
NULL	NULL	NULL	NULL

student 1 ×

PROCEDURE FOR PAGINATION

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `new_procedure`(in pgno integer,in npg integer)
BEGIN
    declare ind int default 1;
    set ind=npg*(pgno-1);
    select * from student limit ind,npg;
END
```

RESULT AFTER CALLING THE PROCEDURE

Page No. =2

No of Entries in one page= 3

```
72  call new_procedure(2,3);
73
74
```

Id	Name	Gender	DepartmentId
4	Umed	Male	3
5	Pooja	Female	4
6	akshat	Male	2