ASSIGNMENT – 2

DATABASE (MYSQL, MONGODB)

Modern Application Development

[JAVA SPRINGBOOT]

Drive Link:
https://drive.google.com/drive/folders/1BfFnxyzUX1nkkKjtpxZ4UB1g7egcgGsv?usp=share_link

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(VIT Vellore)

MYSQL

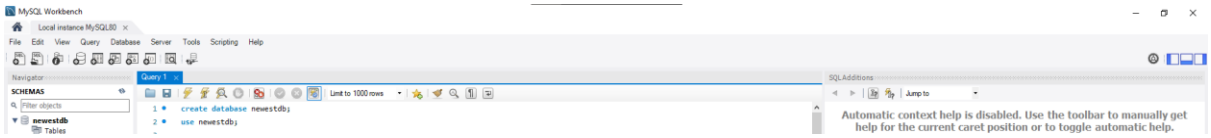
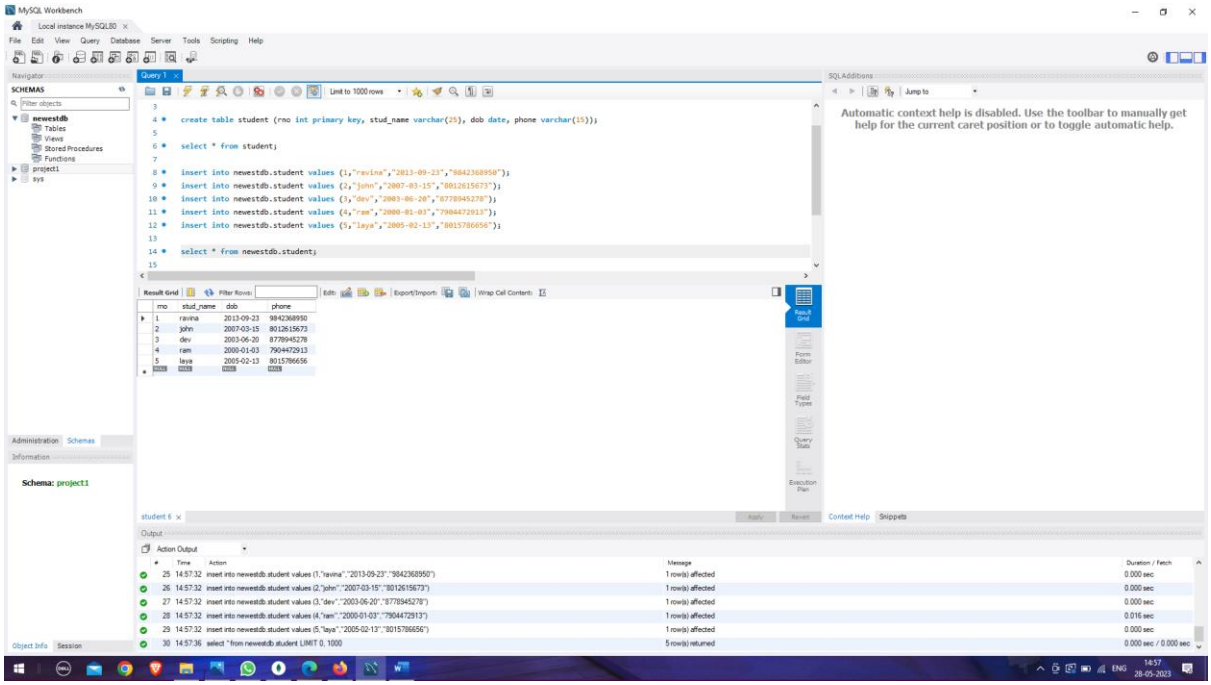
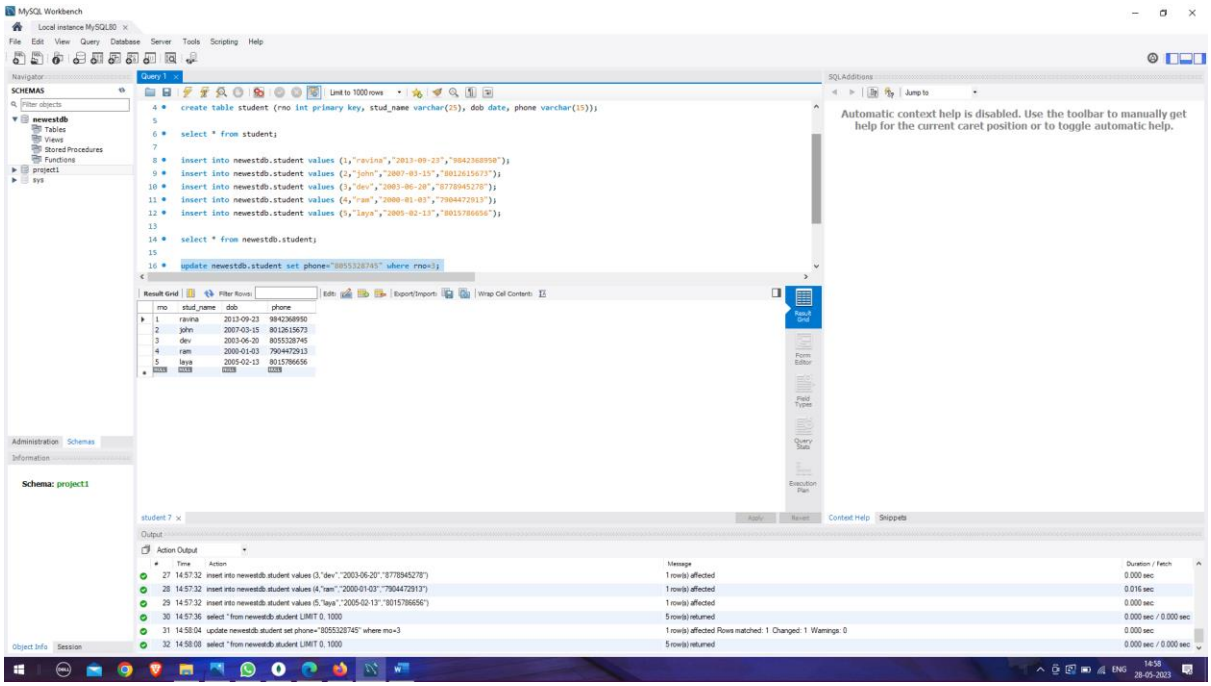


TABLE: Student

Create and insert values into table:



Update Values:



Delete value:

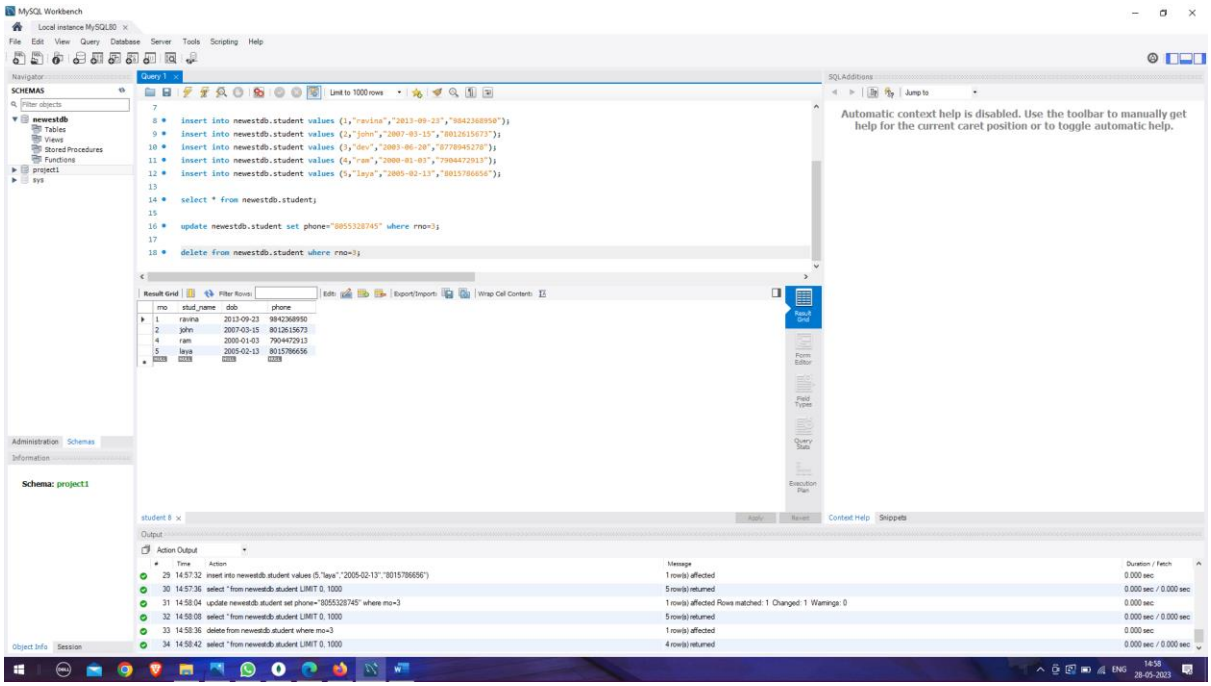
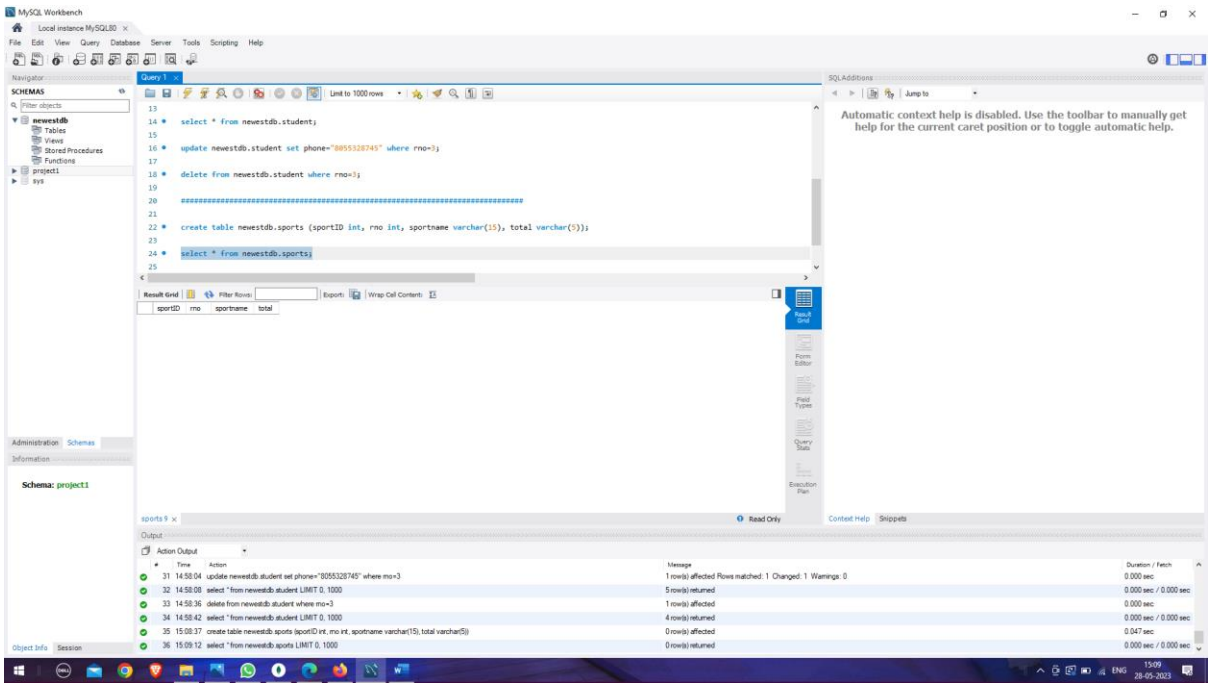


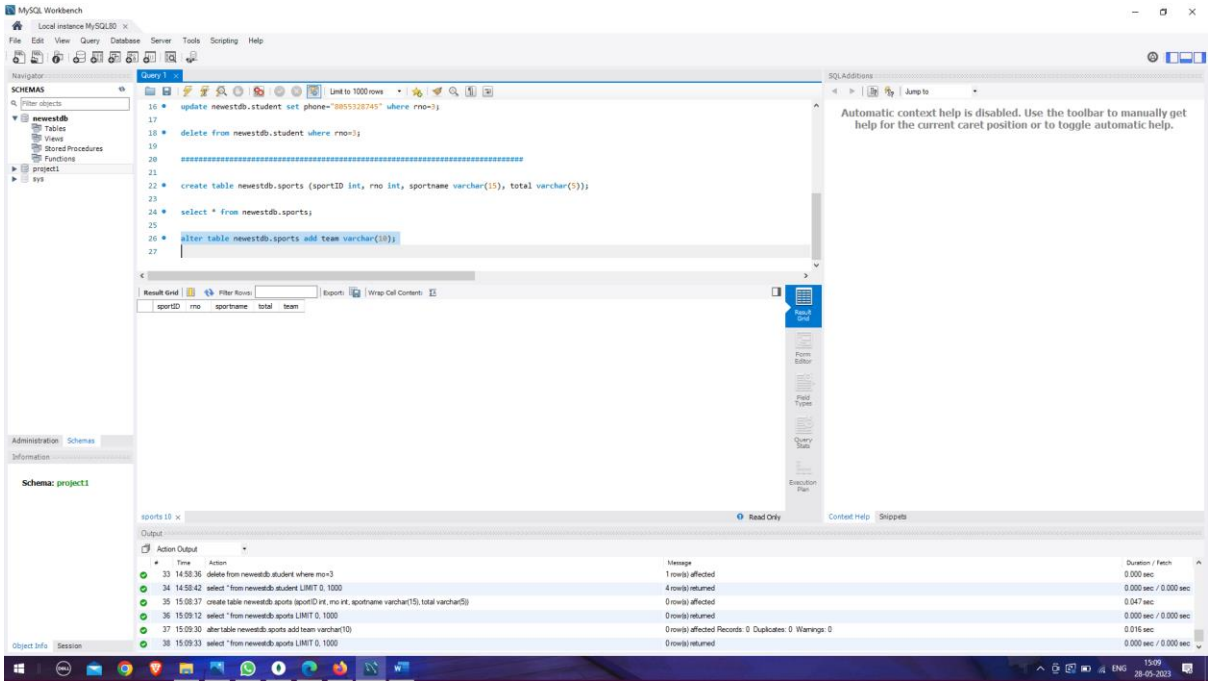
TABLE: Sports

Create table:

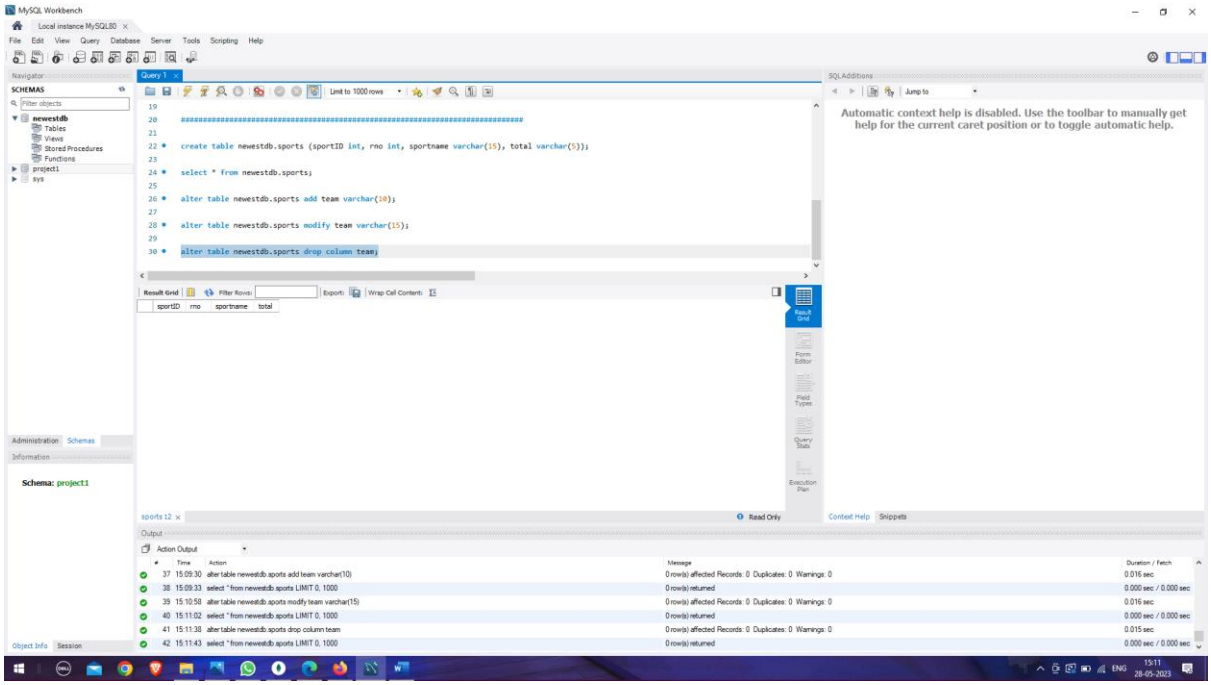


Alter table:

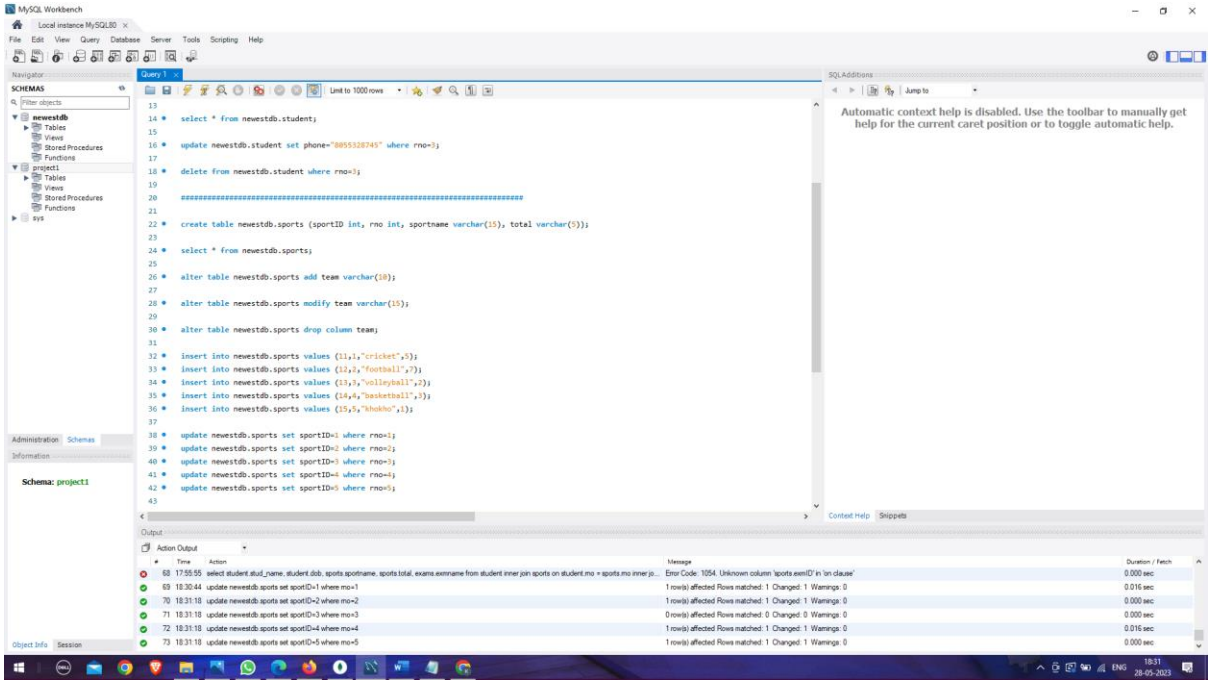
- **Add column**



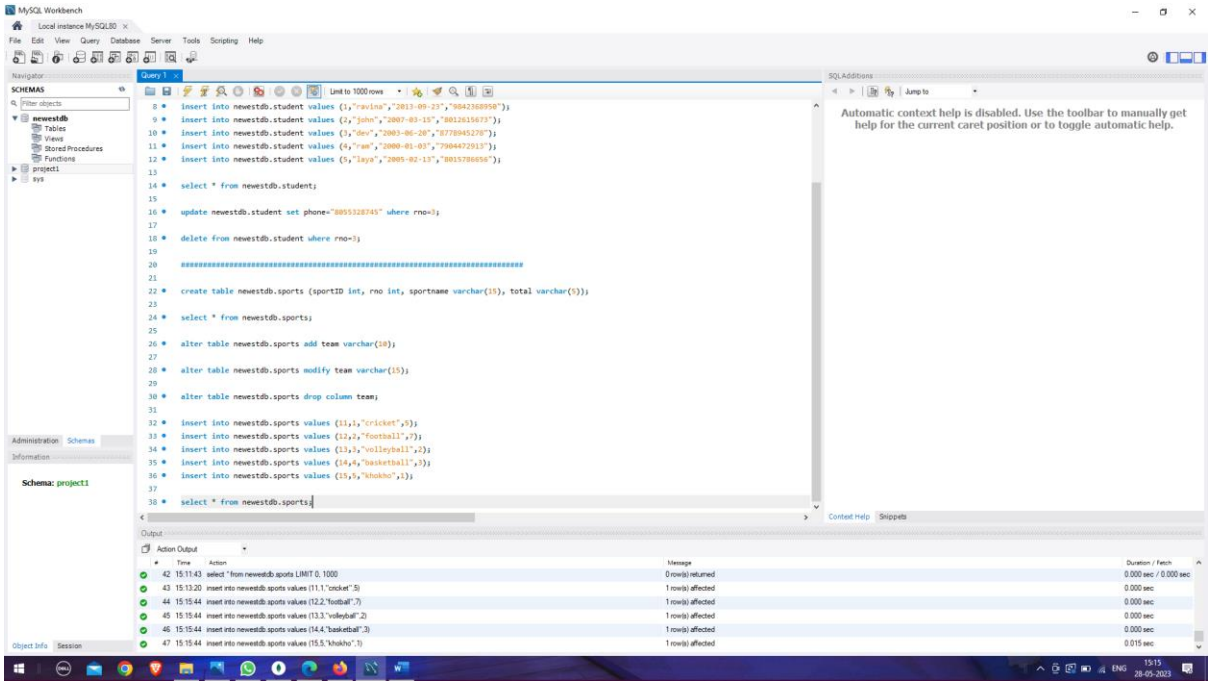
- **Modify column and,**
- **Drop column**

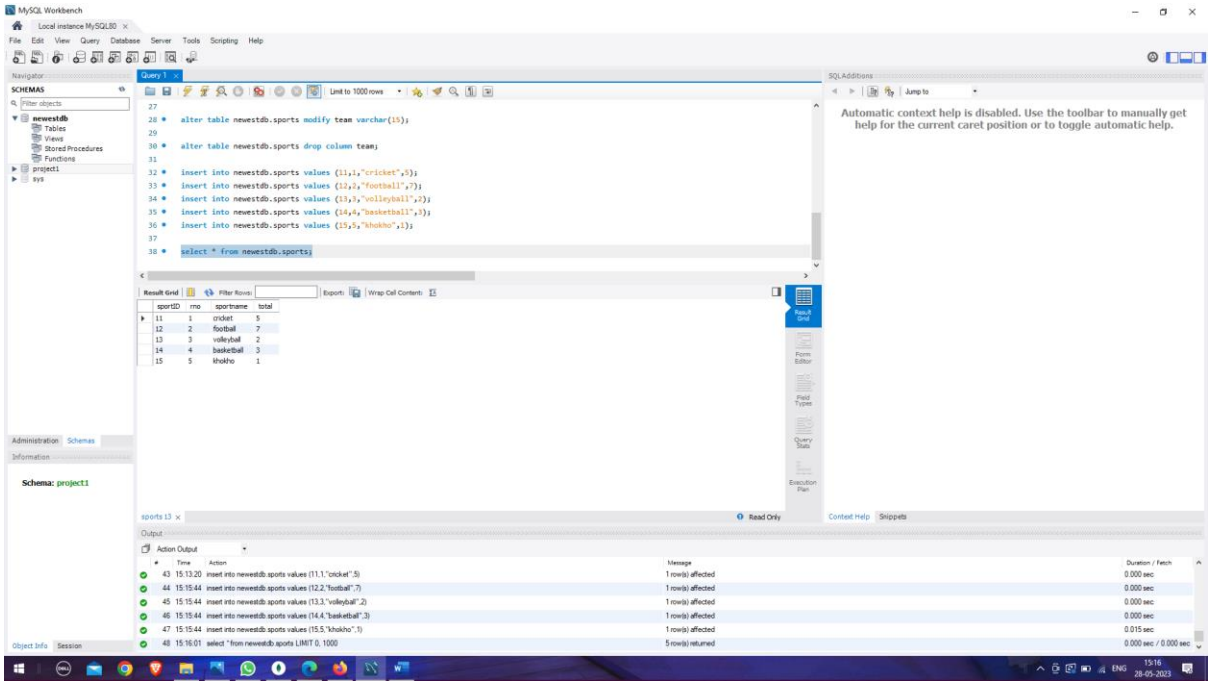


Insert and Update values into table:

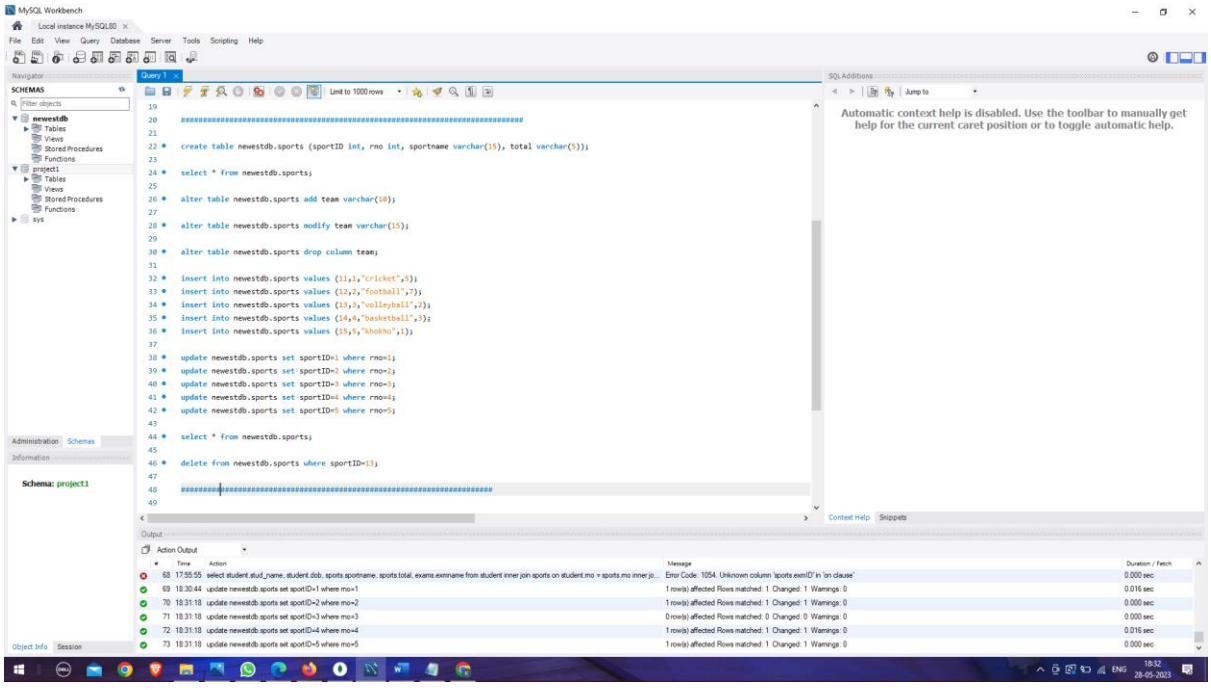


Select command from table:





Delete value of table:



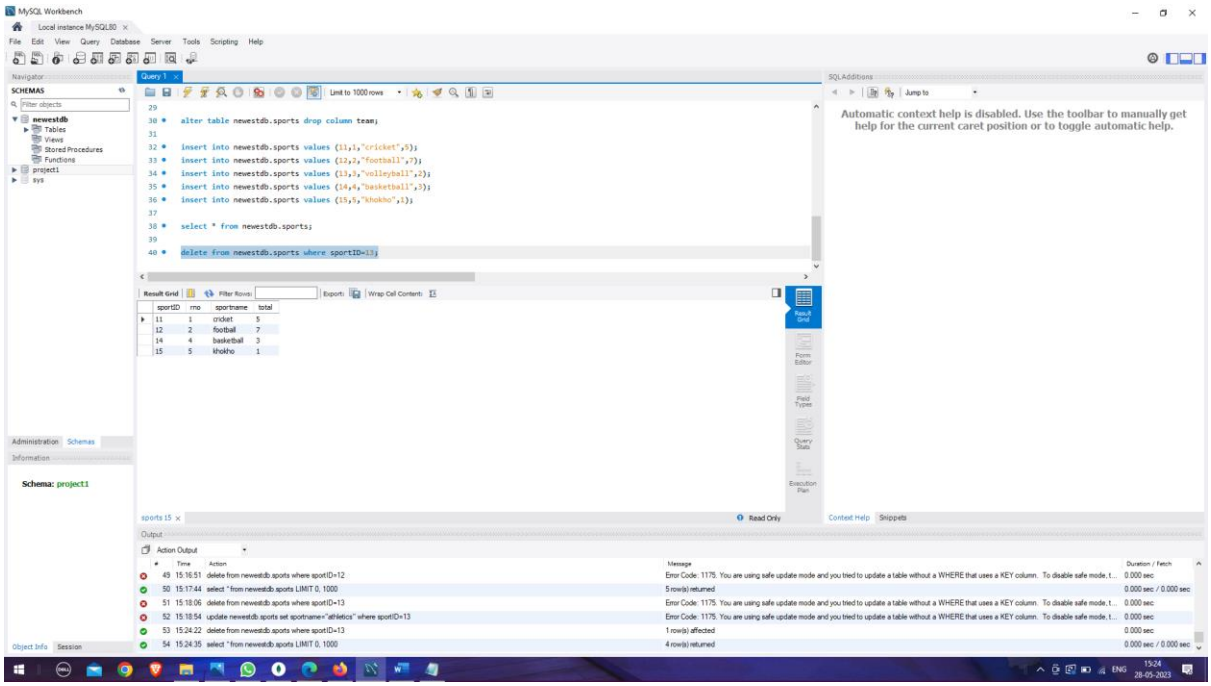
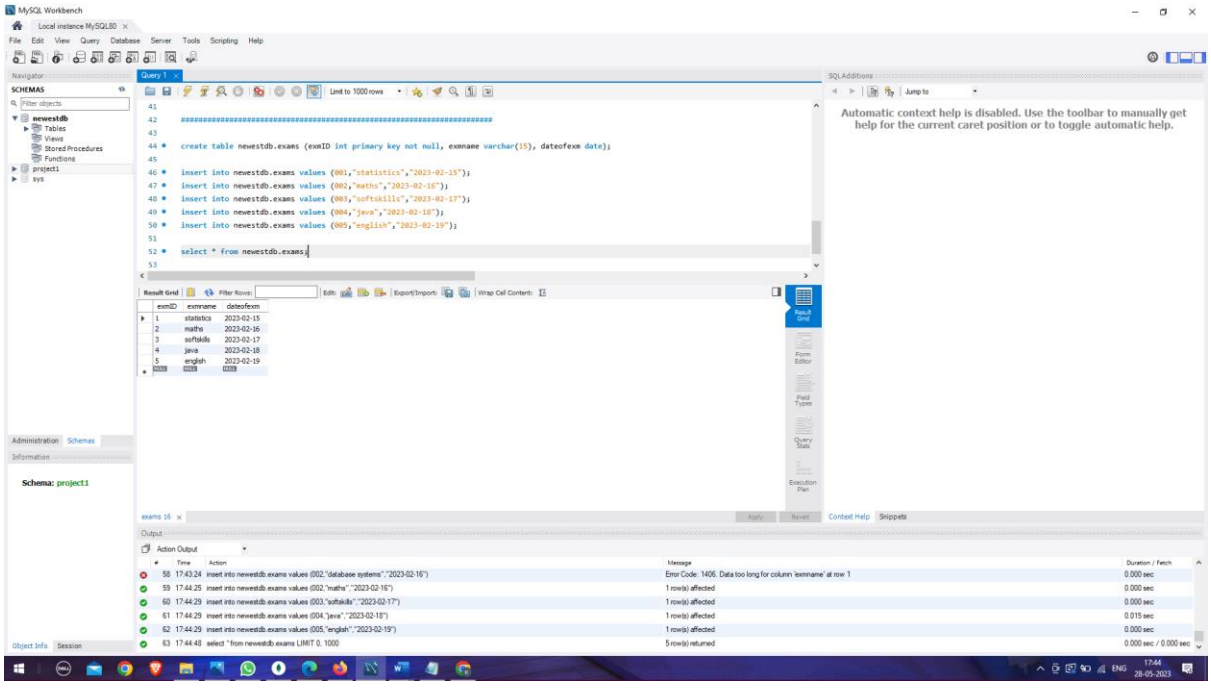


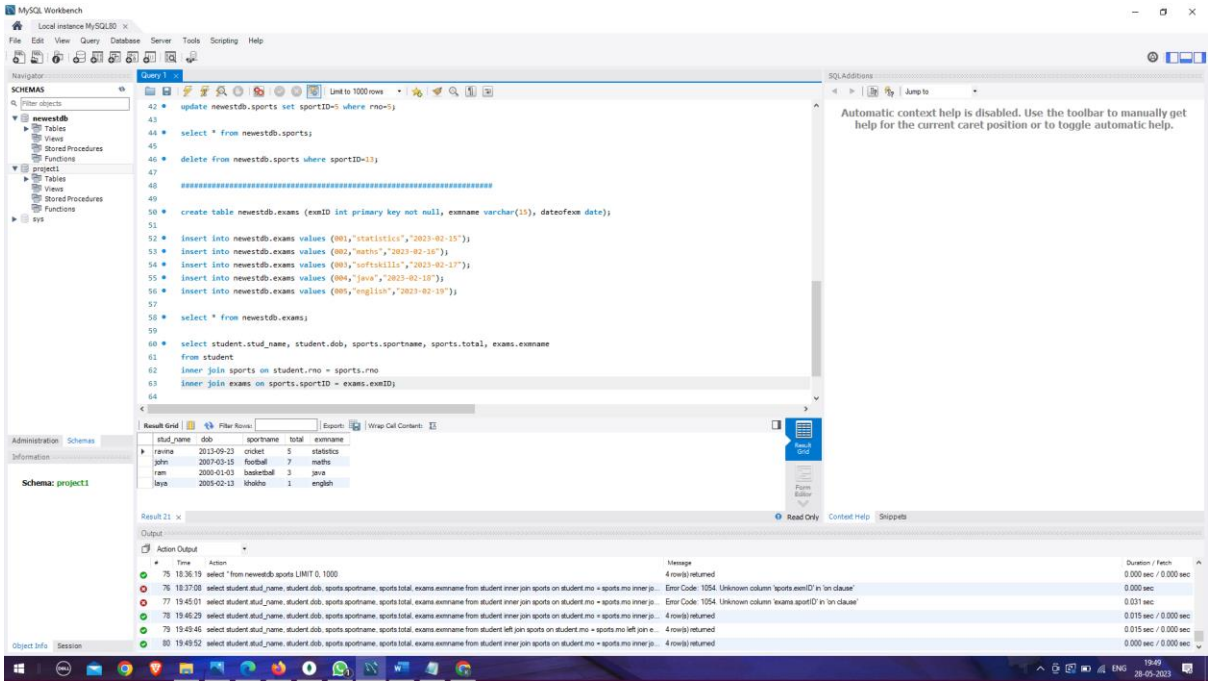
TABLE: Exams

Create and Insert values of table and display using Select command:

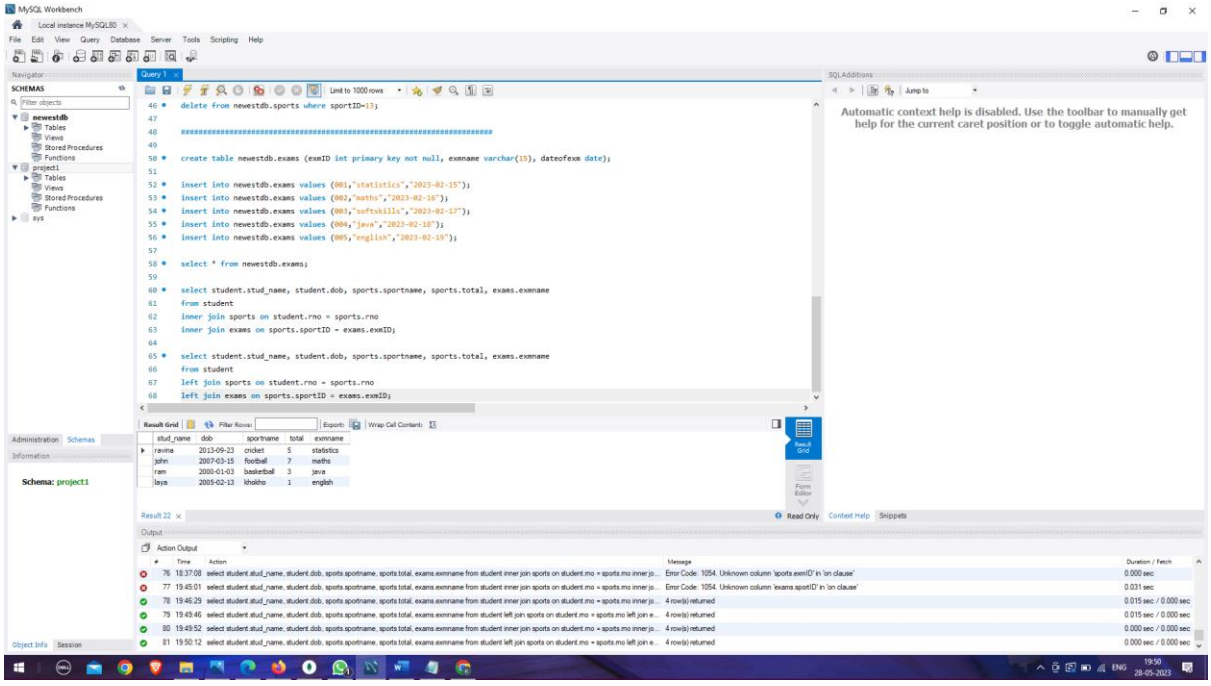


JOINS

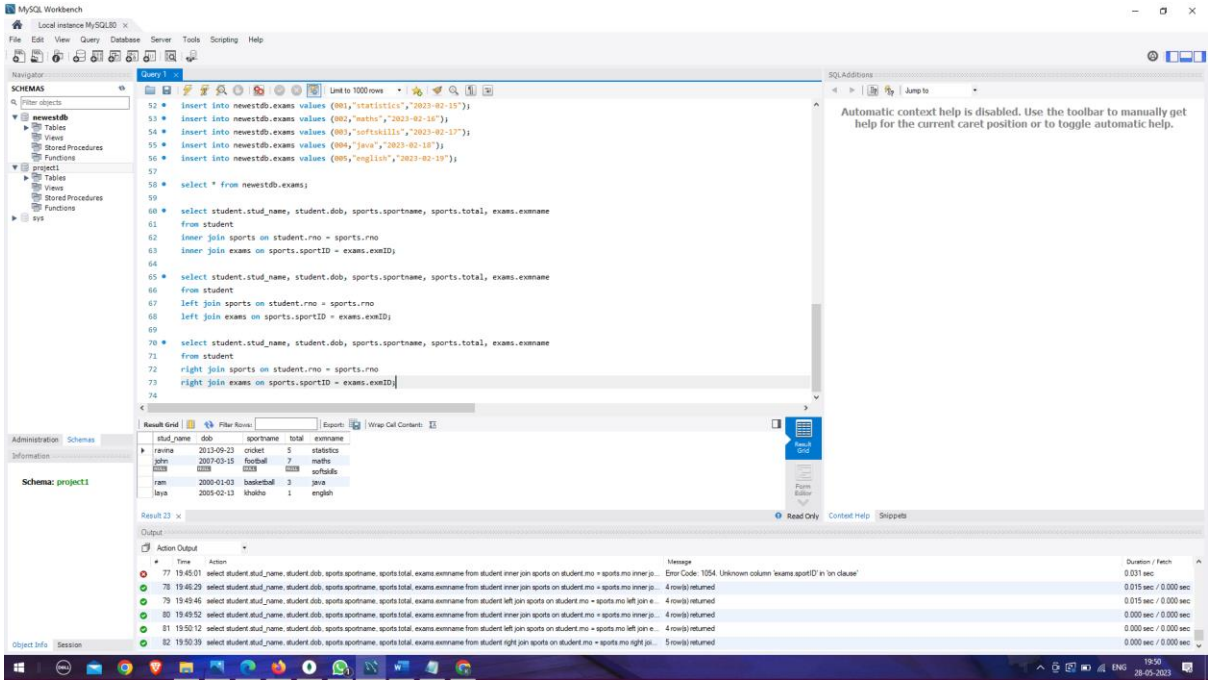
- **Inner Join**



- **Left join**



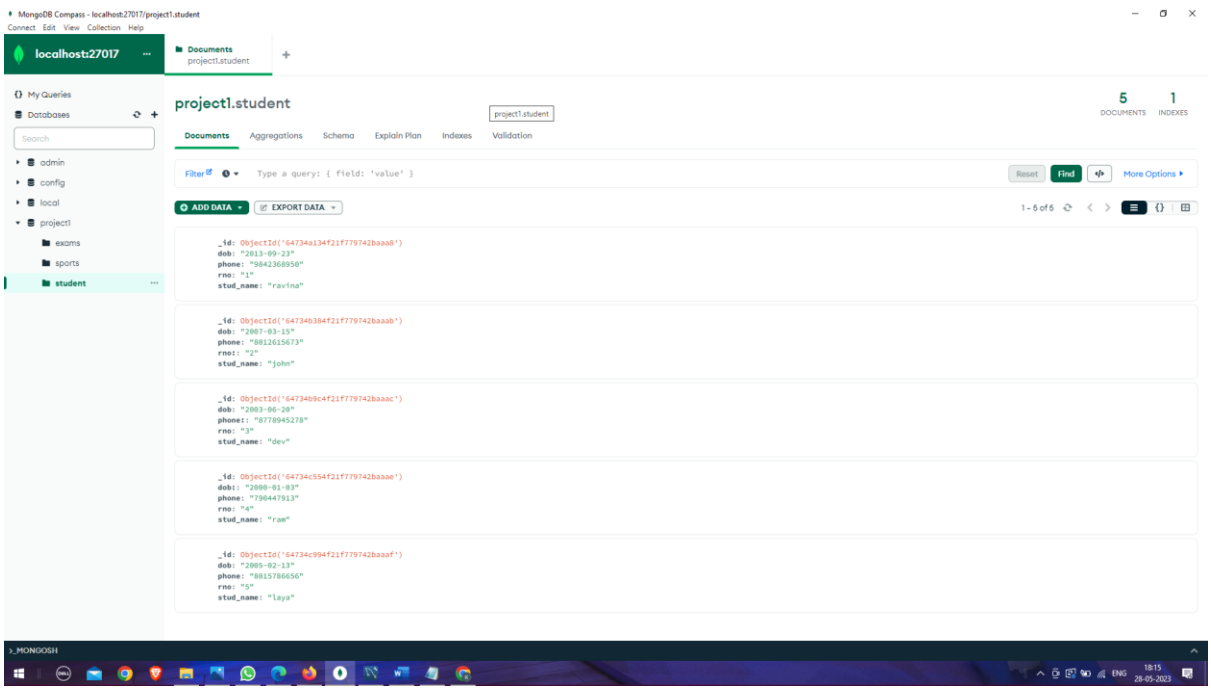
- **Right join**


MySQL Workbench
insert into newestdb.exams values (001,"statistics","2023-02-15");
insert into newestdb.exams values (002,"maths","2023-02-16");
insert into newestdb.exams values (003,"softskills","2023-02-17");
insert into newestdb.exams values (004,"java","2023-02-18");
insert into newestdb.exams values (005,"english","2023-02-19");
select * from newestdb.exams;
select student.stud_name, student.dob, sports.sportname, sports.total, exams.exmname
from student
inner join sports on student.rno = sports.rno
inner join exams on sports.sportID = exams.exmID;
select student.stud_name, student.dob, sports.sportname, sports.total, exams.exmname
from student
left join sports on student.rno = sports.rno
left join exams on sports.sportID = exams.exmID;
select student.stud_name, student.dob, sports.sportname, sports.total, exams.exmname
from student
right join sports on student.rno = sports.rno
right join exams on sports.sportID = exams.exmID;
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Schema: project1

MONGO DB

TABLE: student

Create table:



Insert values into table:

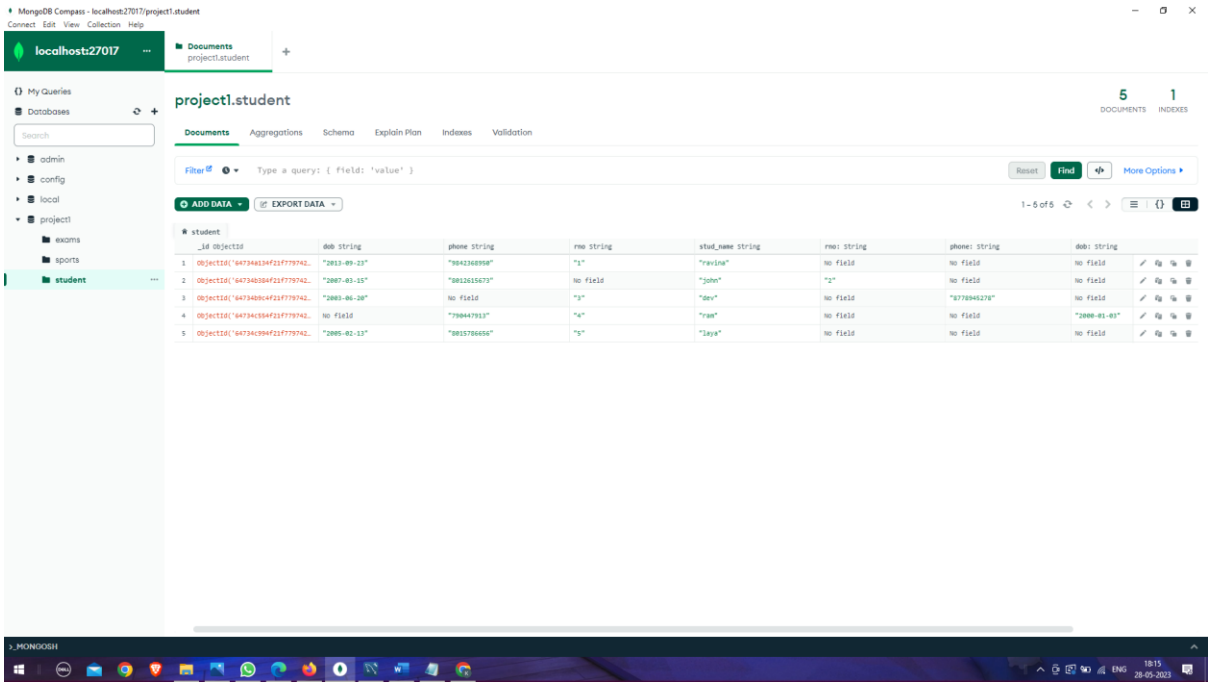
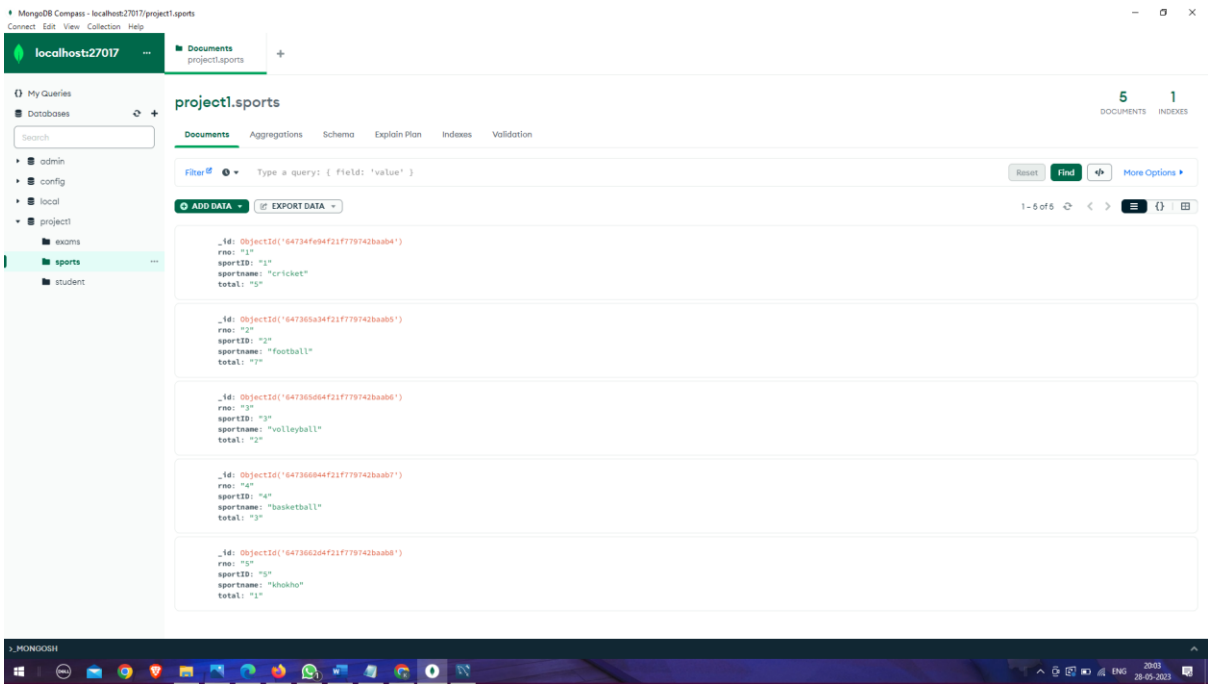


TABLE: sports

Create table:



Insert values to table:

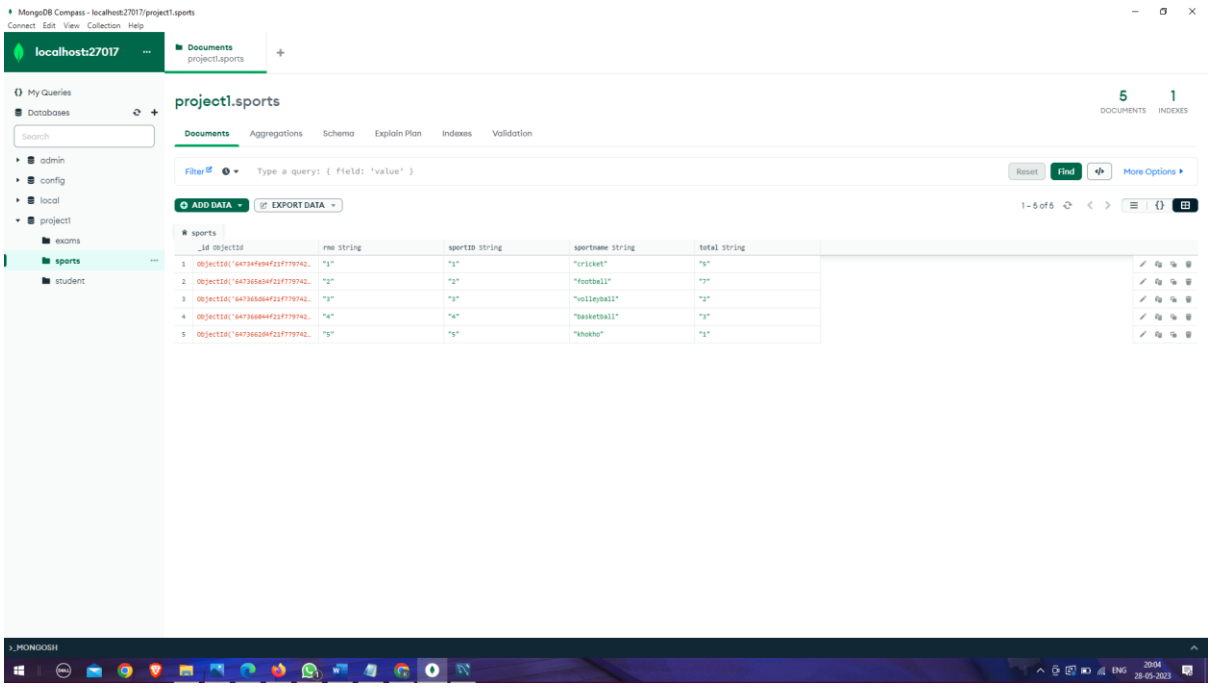
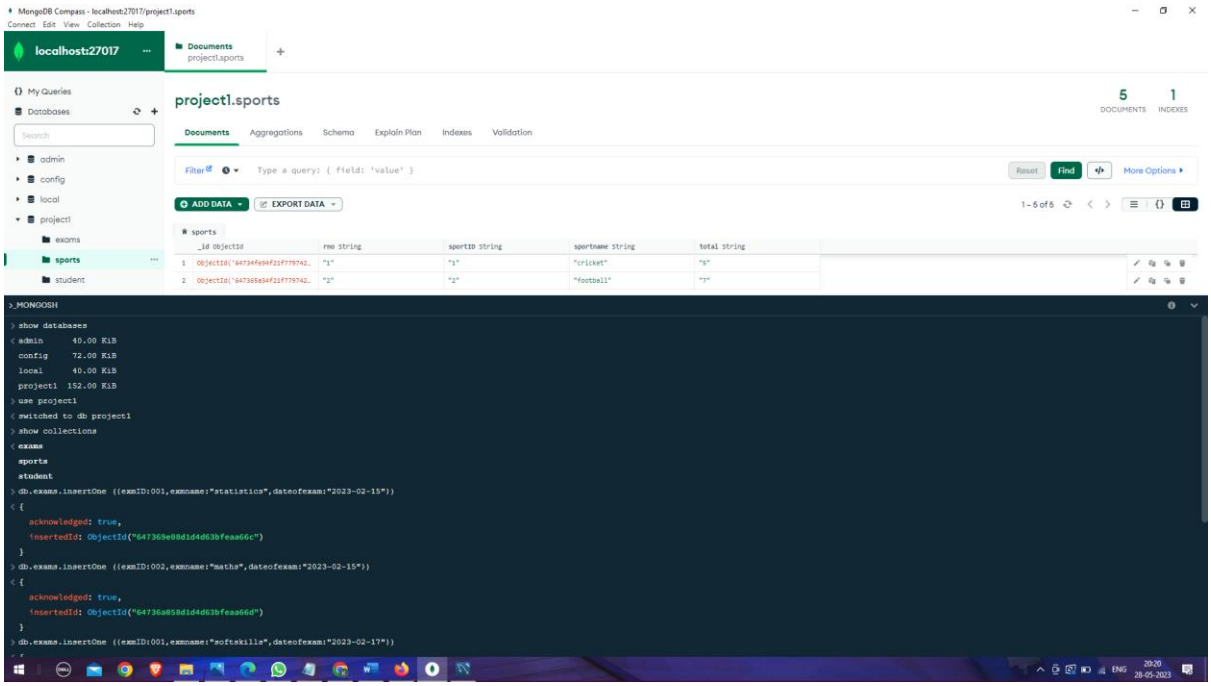
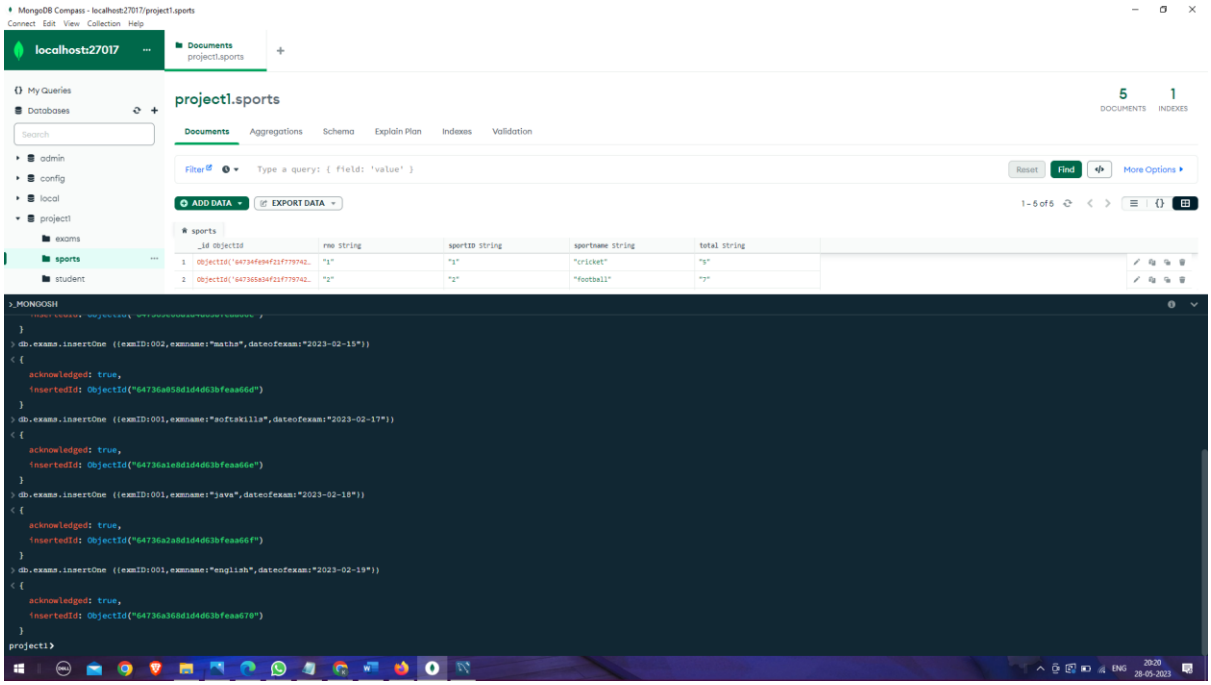
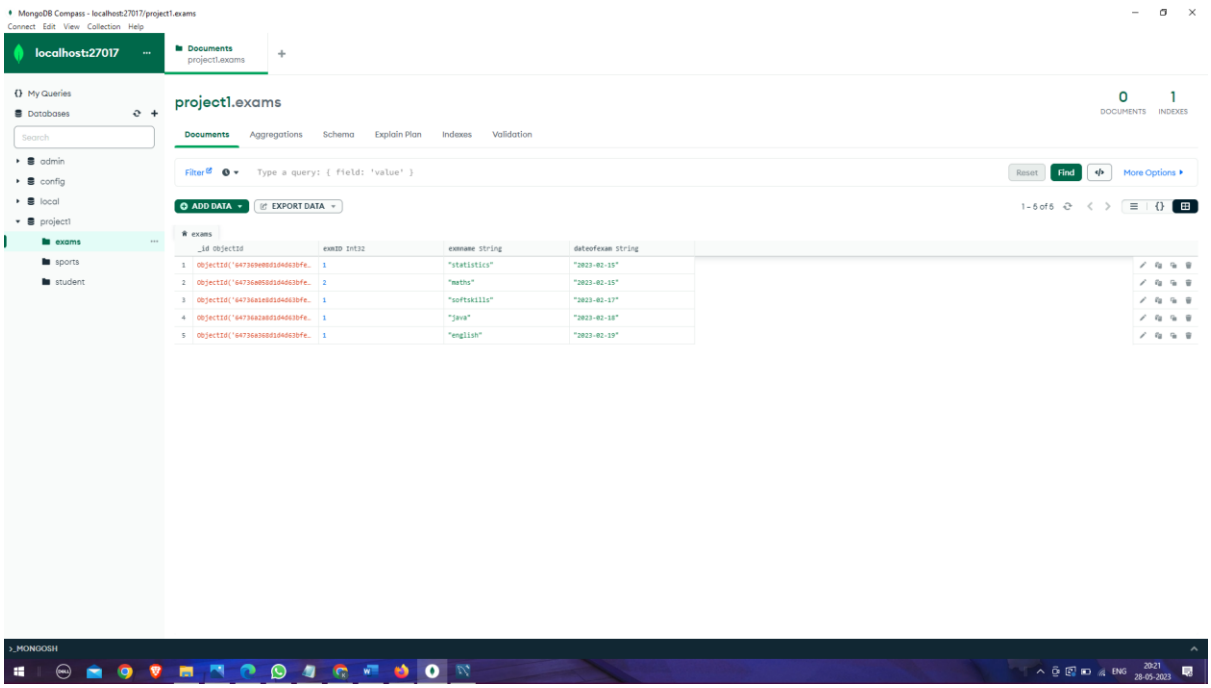


TABLE: exams

Create Table and insert values:






MongoDB Compass - localhost:27017/project1.exams
Connect Edit View Collection Help
localhost:27017
Documents
project1.exams
My Queries
Databases
admin
config
local
project1
exams
sports
student
project1.exams
0
DOCUMENTS
1
INDEXES
Documents
Aggregations
Schema
Explain Plan
Indexes
Validation
Filter
Type a query: { field: 'value' }
Reset
Find
More Options
ADD DATA
EXPORT DATA
1 - 5 of 5
exams
_id ObjectId
exmID Int32
exmname String
dateofexam String
1 ObjectId('64736e08d104d63bfe.. 1 "statistics" "2023-02-15"
2 ObjectId('64736e058d104d63bfe.. 2 "maths" "2023-02-15"
3 ObjectId('64736a1e8d104d63bfe.. 1 "softskills" "2023-02-17"
4 ObjectId('64736a2a8d104d63bfe.. 1 "java" "2023-02-18"
5 ObjectId('64736a368d104d63bfe.. 1 "english" "2023-02-19"
>_MONGOSH
ENG
20:21
28-05-2023