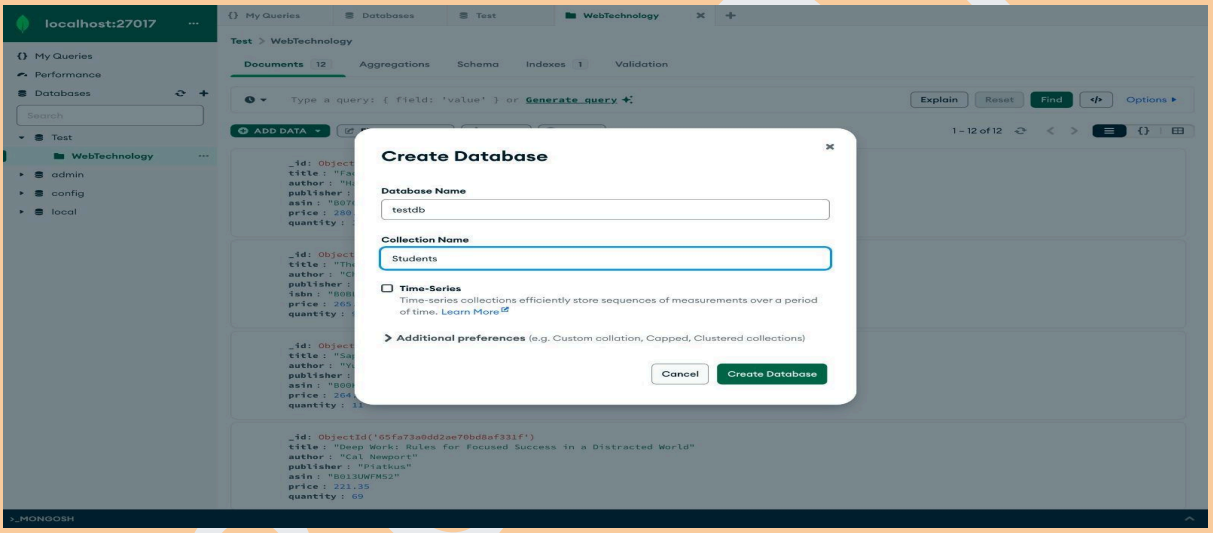
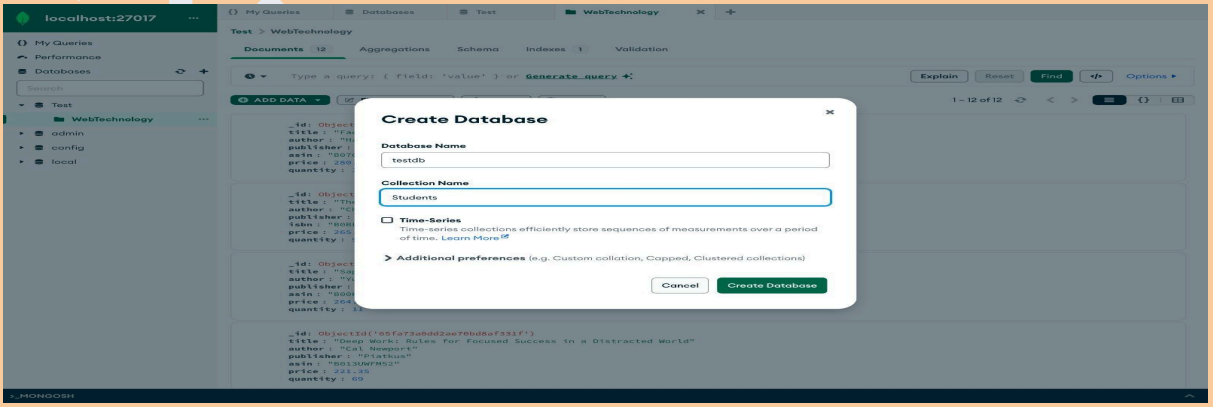
Web Technology

Name- Aviram Yadav
Roll No.- 22CS3019
Assignment-10

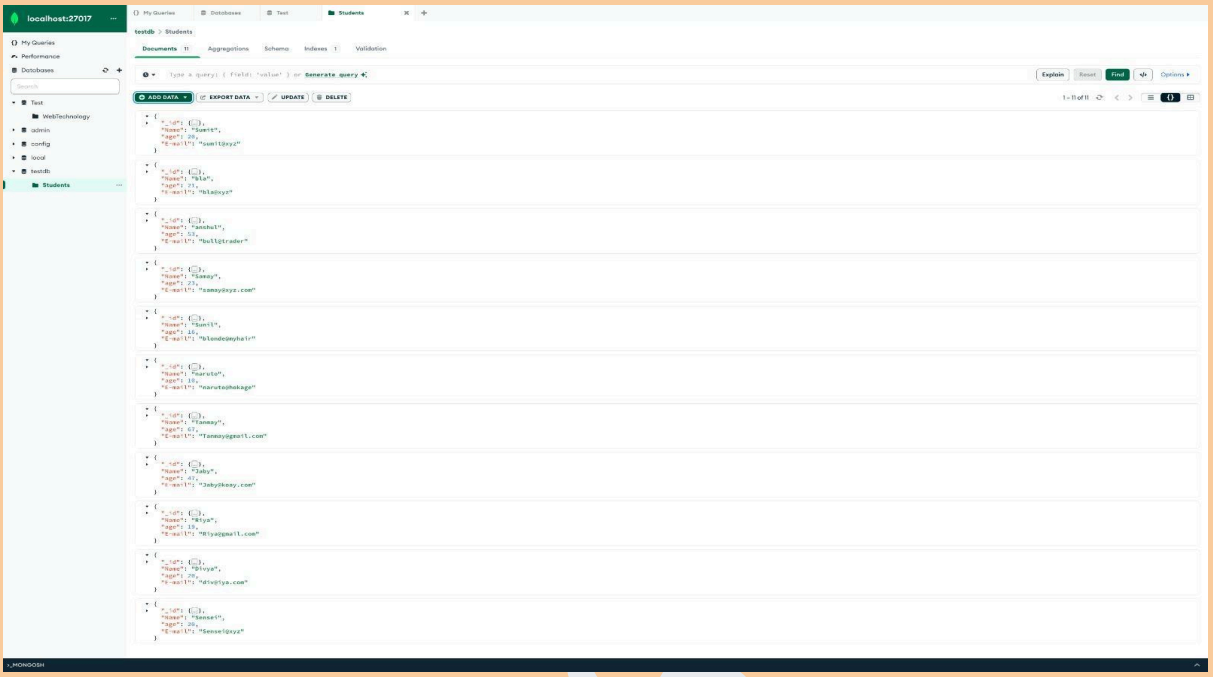
Task-1



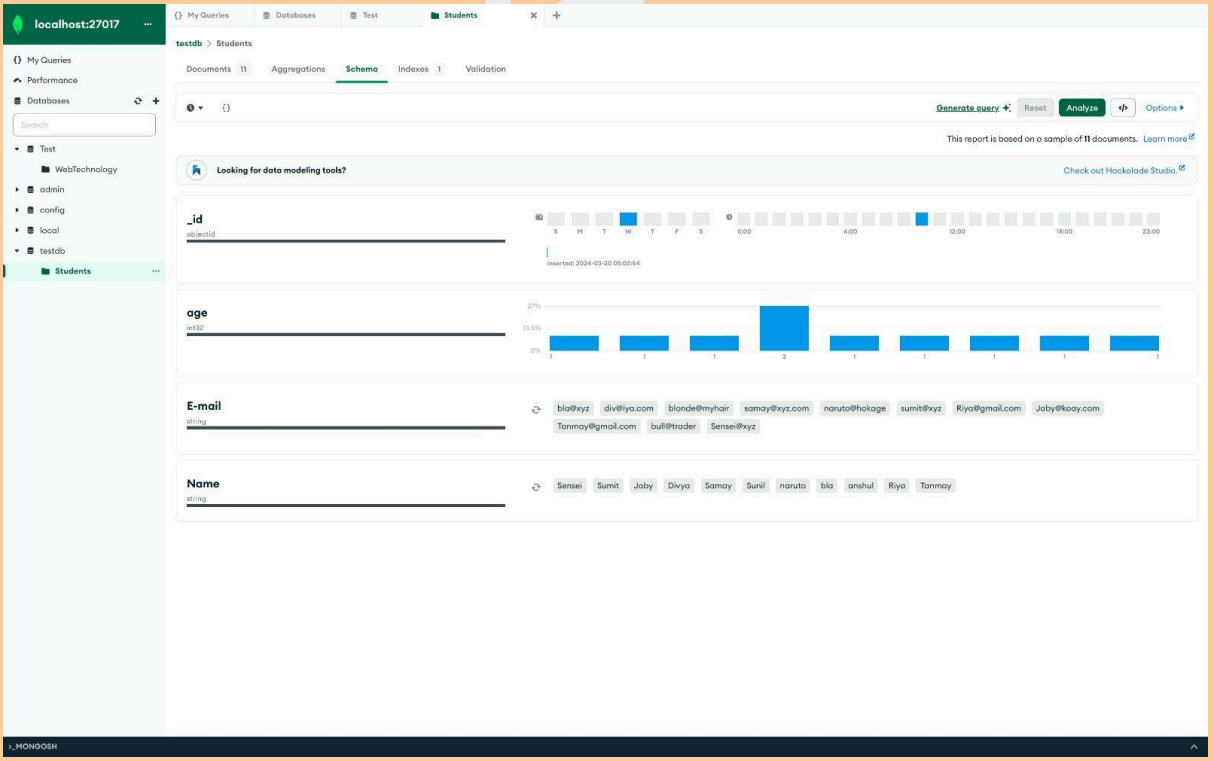
Task-2



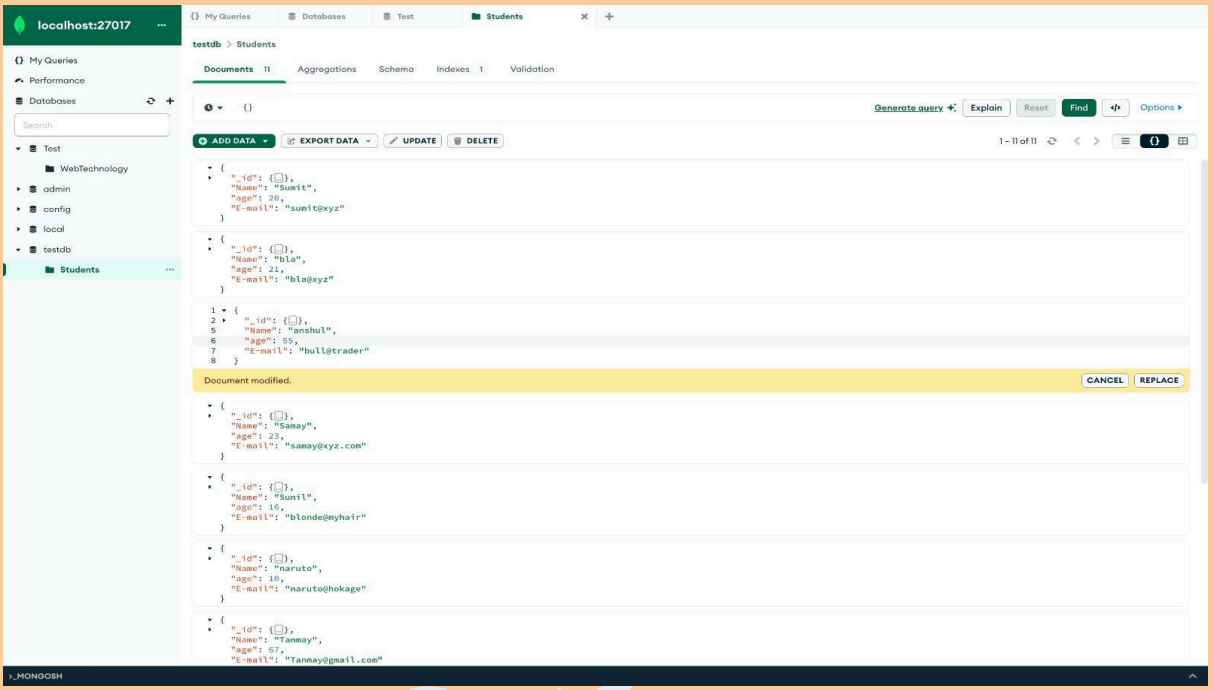
Task-3


localhost:27017
My Queries
Performance
Databases
Test
WebTechnology
admin
config
local
testdb
Students
testdb > Students
Documents 11
Aggregations
Schema
Indexes 1
Validation
ADD DATA
EXPORT DATA
UPDATE
DELETE
Explain
Reset
Find
Options
>_MONGOSH

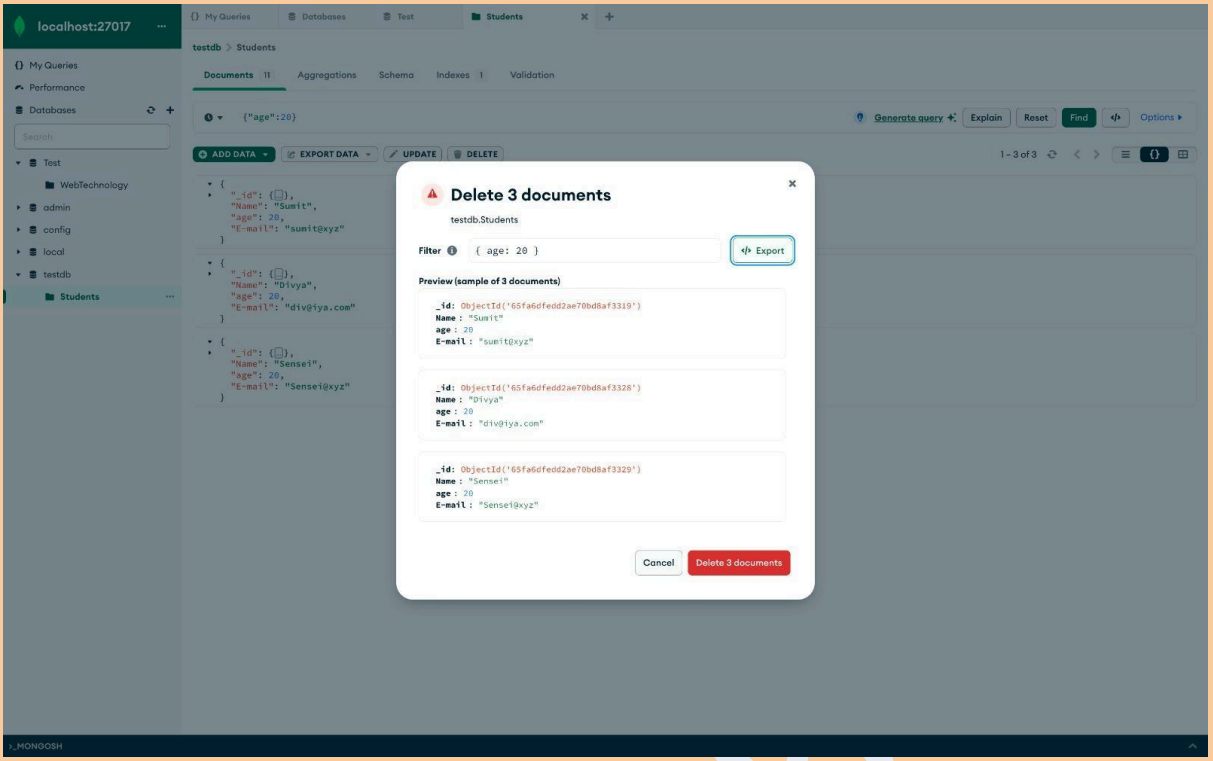
Task-4


localhost:27017
My Queries
Performance
Databases
Test
WebTechnology
admin
config
local
testdb
Students
testdb > Students
Documents 11
Aggregations
Schema
Indexes 1
Validation
Generate query
Reset
Analyze
Options
This report is based on a sample of 11 documents. Learn more
Looking for data modeling tools?
Check out Hackolade Studio.
_id
objectId
age
int32
E-mail
string
bla@xyz
div@iya.com
blonde@myhair
samay@xyz.com
naruto@hokage
sumit@xyz
Riya@gmail.com
Jaby@koay.com
Tanmay@gmail.com
bull@trader
Sensei@xyz
Name
string
Sensei
Sumit
Jaby
Divya
Samay
Sunil
naruto
bla
anshul
Riya
Tanmay
>_MONGOSH

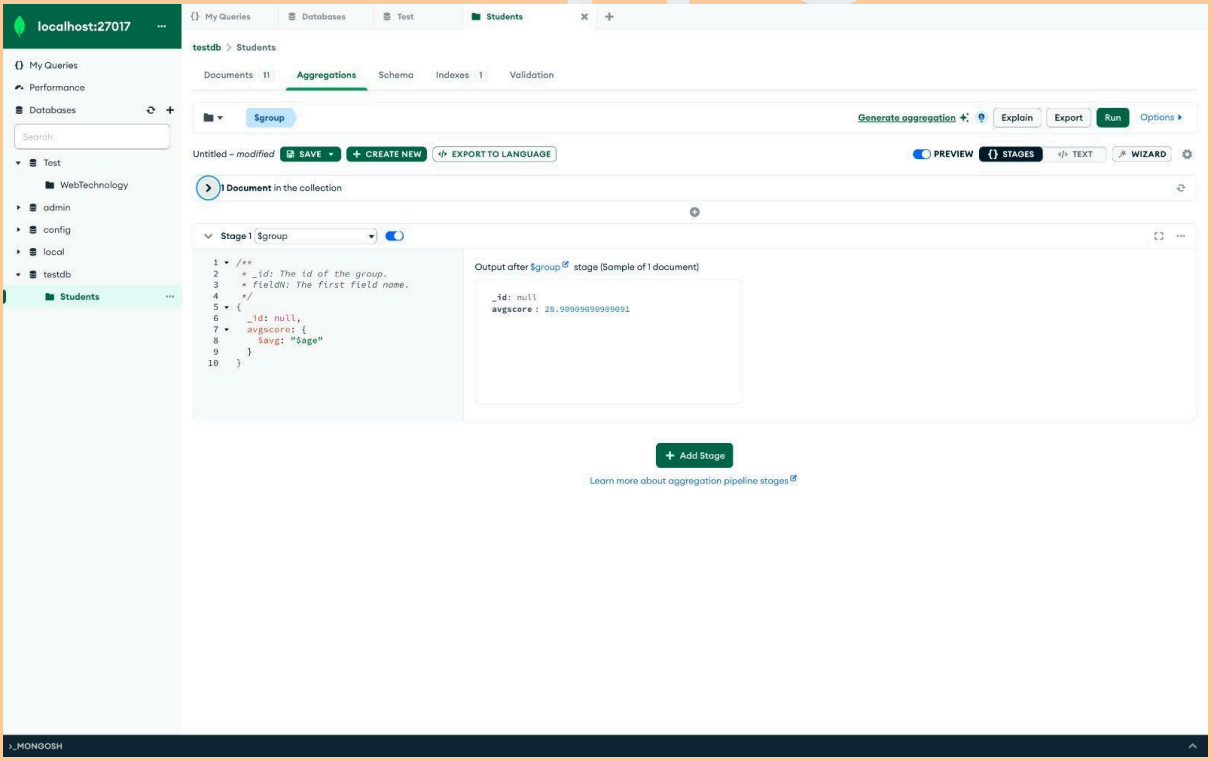
Task-5,6,7



Task-8,9,10,11


localhost:27017
My Queries
Performance
Databases
Test
WebTechnology
admin
config
local
testdb
Students
testdb > Students
Documents 11
Aggregations
Schema
Indexes 1
Validation
{"age":20}
Generate query
Explain
Reset
Find
Options
ADD DATA
EXPORT DATA
UPDATE
DELETE
1 - 3 of 3
Delete 3 documents
testdb.Students
Filter
{ age: 20 }
Export
Preview (sample of 3 documents)
_id: ObjectId('65fa6dfedd2ae70bd8af3319')
Name : "Sumit"
age : 20
E-mail : "sumit@xyz"
_id: ObjectId('65fa6dfedd2ae70bd8af3328')
Name : "Divya"
age : 20
E-mail : "div@iya.com"
_id: ObjectId('65fa6dfedd2ae70bd8af3329')
Name : "Sensei"
age : 20
E-mail : "Sensei@xyz"
Cancel
Delete 3 documents
>_MONGOSH

Task-12,13,14


localhost:27017
My Queries
Performance
Databases
Test
WebTechnology
admin
config
local
testdb
Students
testdb > Students
Documents 11
Aggregations
Schema
Indexes 1
Validation
$group
Generate aggregation
Explain
Export
Run
Options
Untitled – modified
SAVE
CREATE NEW
EXPORT TO LANGUAGE
PREVIEW
STAGES
TEXT
WIZARD
1 Document in the collection
Stage 1 $group
/**
* _id: The id of the group.
* fieldN: The first field name.
*/
{
_id: null,
avgscore: {
$avg: "$age"
}
}
Output after $group stage (Sample of 1 document)
_id: null
avgscore : 28.98989898989091
Add Stage
Learn more about aggregation pipeline stages
>_MONGOSH