

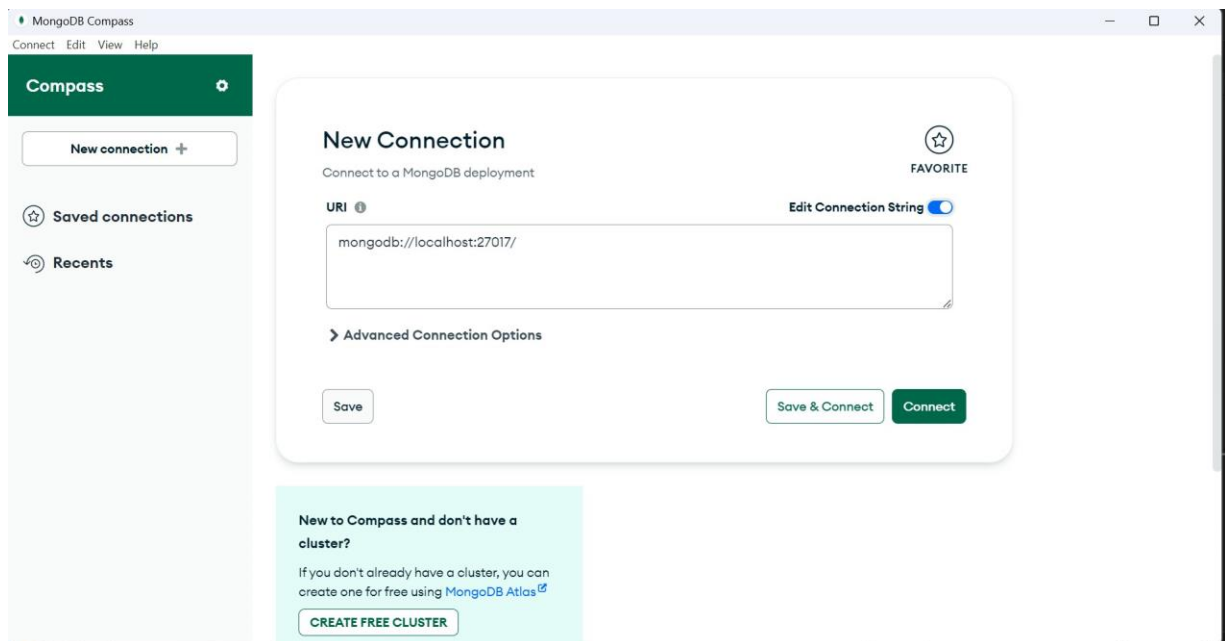
NAME:-SURUCHI KUMARI

ROLL NO.:-22it3056

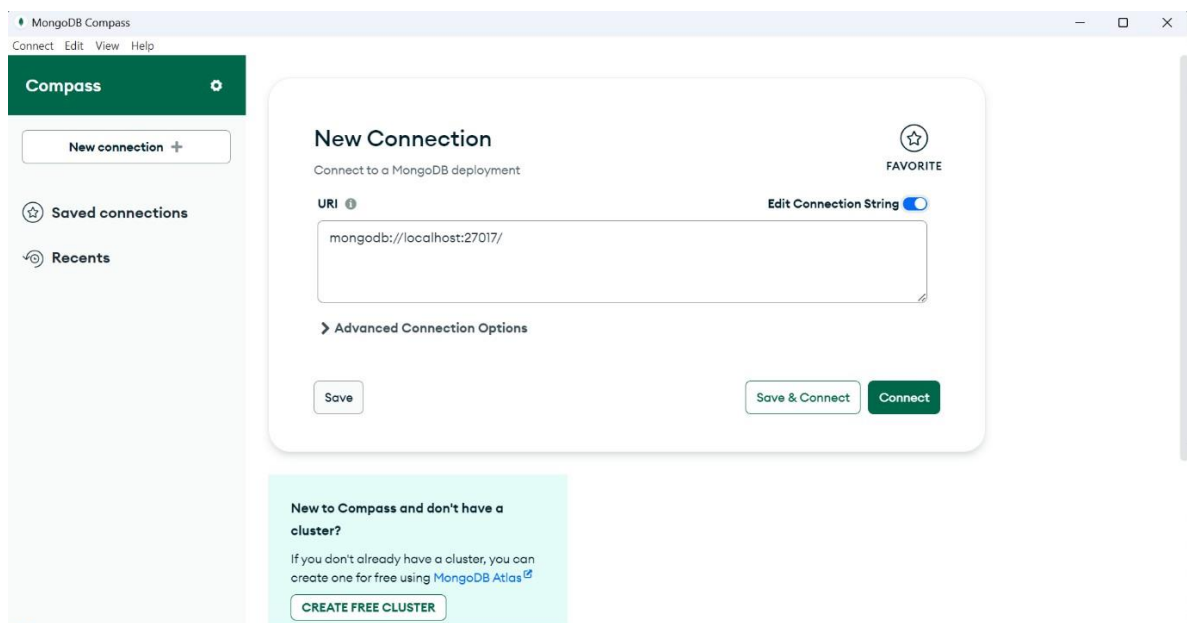
WEB TECHNOLOGY

LAB-9

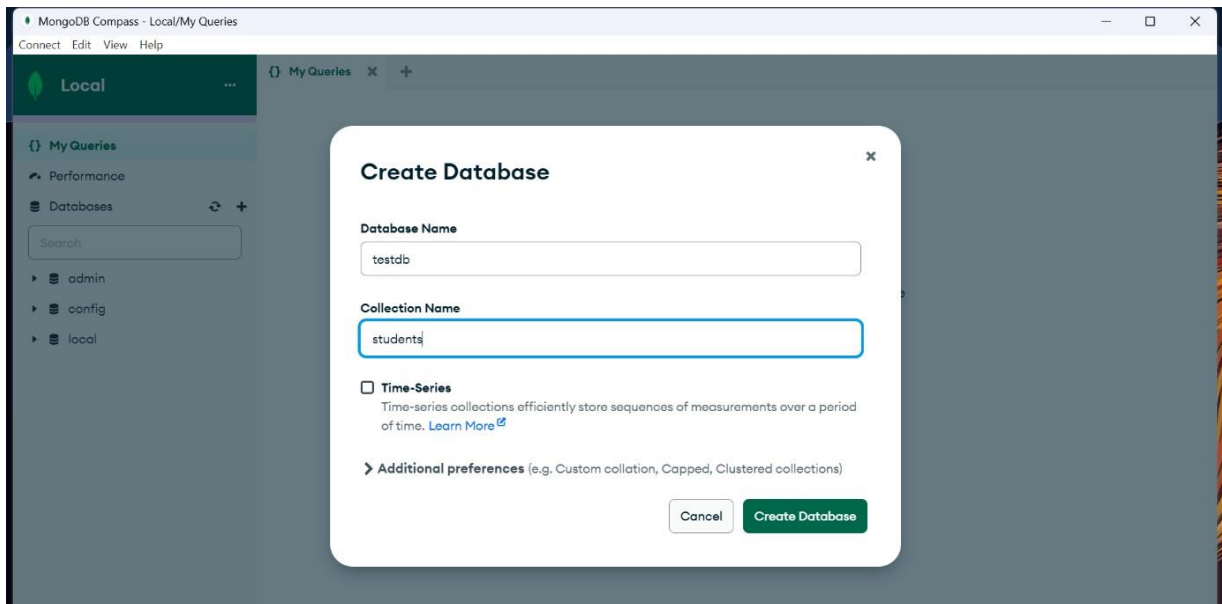
Q1.



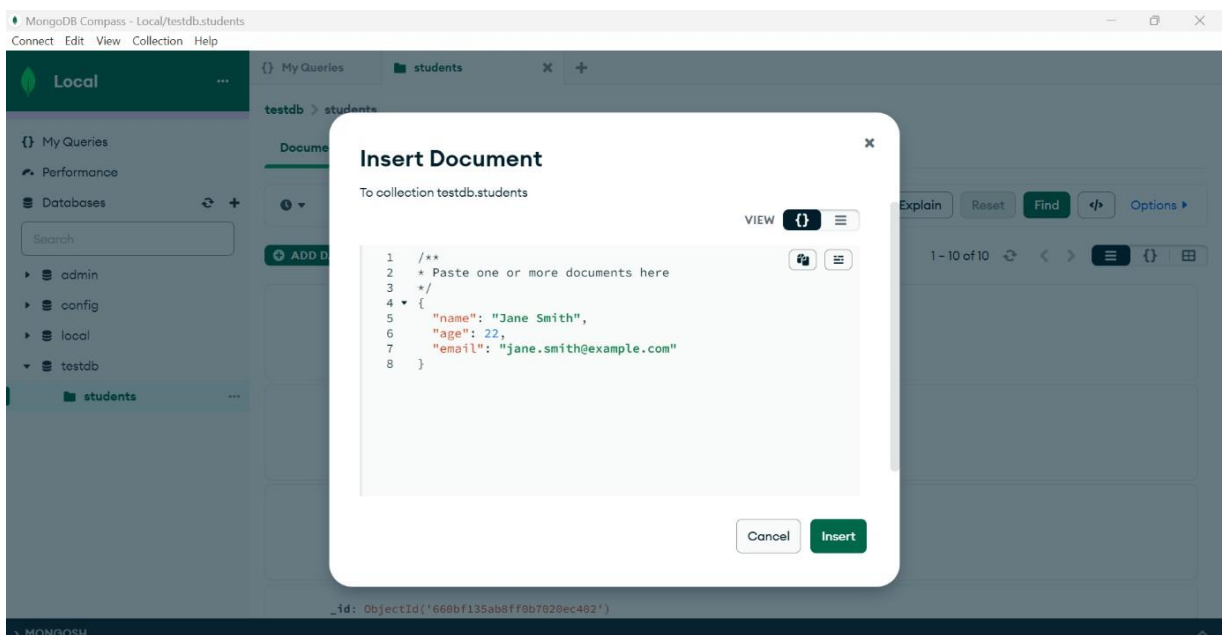
Q2.



Q3.



Q4.



Q5.

MongoDB Compass - Local/testdb.students

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Documents 10 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#)

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 10 of 10

	_id	name	age	email
1	ObjectId('660bf0f7ab8ff0b...')	John Doe	20	john.doe@example.com
2	ObjectId('660bf113ab8ff0b...')	Jane Smith	22	jane.smith@example.com
3	ObjectId('660bf126ab8ff0b...')	Michael Johnson	21	michael.johnson@example.com
4	ObjectId('660bf135ab8ff0b...')	Emily Brown	19	emily.brown@example.com
5	ObjectId('660bf14dab8ff0b...')	David Wilson	23	david.wilson@example.com
6	ObjectId('660bf1b7ab8ff0b...')	Sarah Martinez	20	sarah.martinez@example.com
7	ObjectId('660bf1c9ab8ff0b...')	Christopher Taylor	24	christopher.taylor@example.com
8	ObjectId('660bf1daab8ff0b...')	Jessica Anderson	22	jessica.anderson@example.com
9	ObjectId('660bf1e8ab8ff0b...')	Ryan Thomas	21	ryan.thomas@example.com
10	ObjectId('660bf1f8ab8ff0b...')	Amanda Garcia	20	amanda.garcia@example.com

MONGOSH

Q6.

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Type a query: {} or [Generate query](#)

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 10 of 10

Document modified.

CANCEL UPDATE

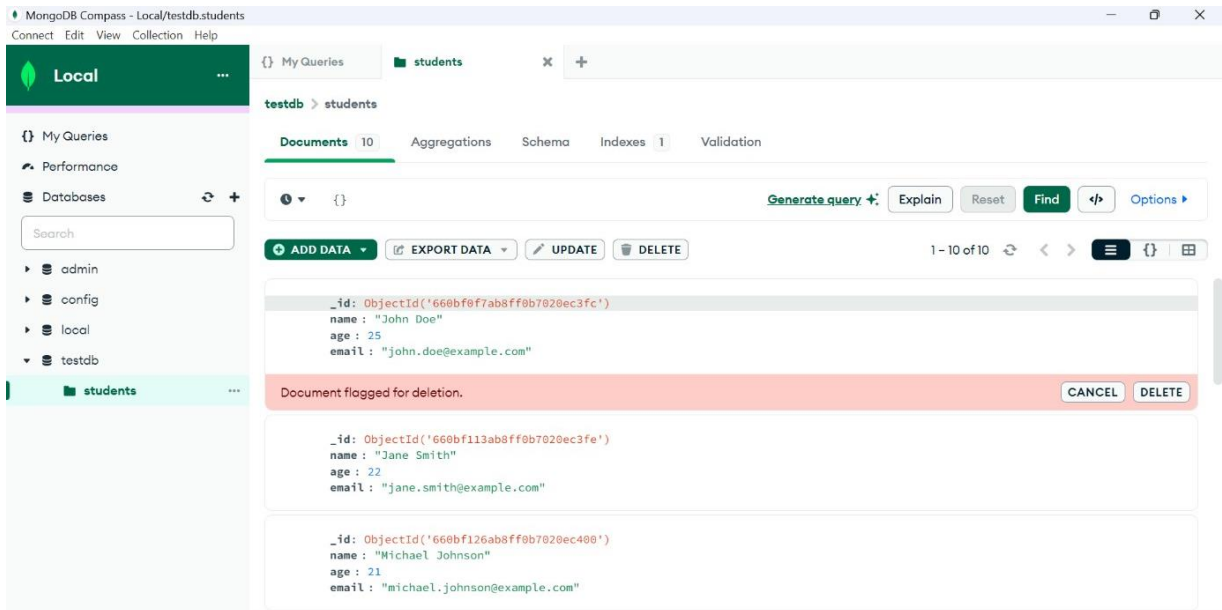
```
{
  "_id": ObjectId("660bf0f7ab8ff0b7020ec3fc"),
  "name": "John Doe",
  "age": 20,
  "email": "john.doe@example.com"
}
```

```
{
  "_id": ObjectId("660bf113ab8ff0b7020ec3fe"),
  "name": "Jane Smith",
  "age": 22,
  "email": "jane.smith@example.com"
}
```

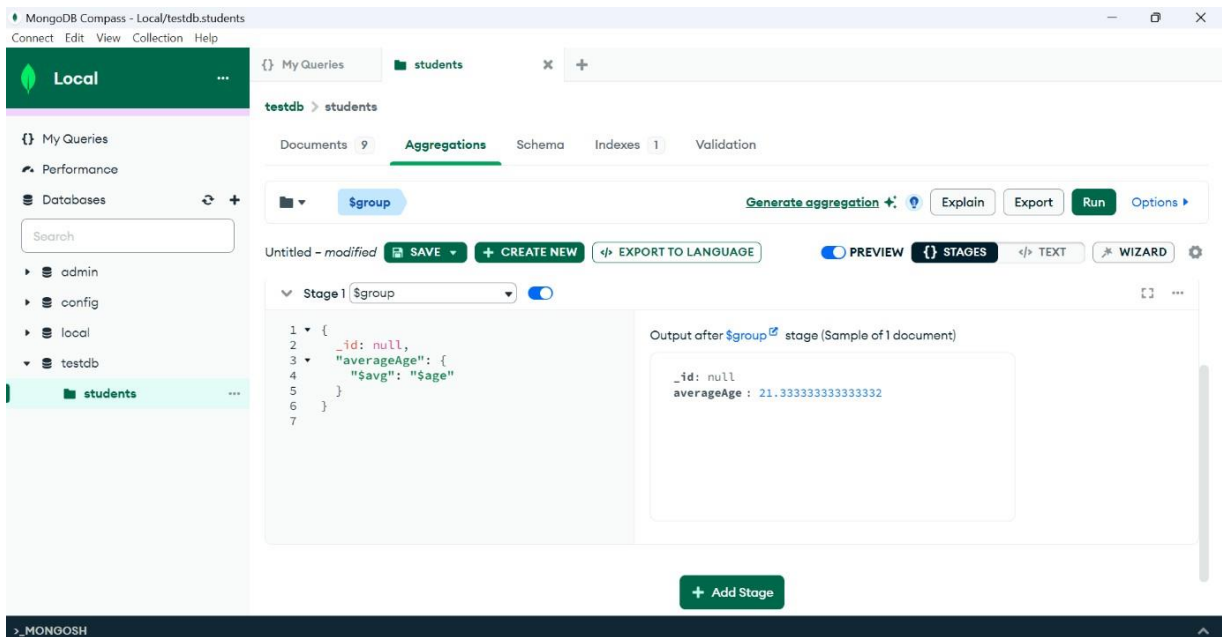
```
{
  "_id": ObjectId("660bf126ab8ff0b7020ec400"),
  "name": "Michael Johnson",
  "age": 21,
  "email": "michael.johnson@example.com"
}
```

MONGOSH

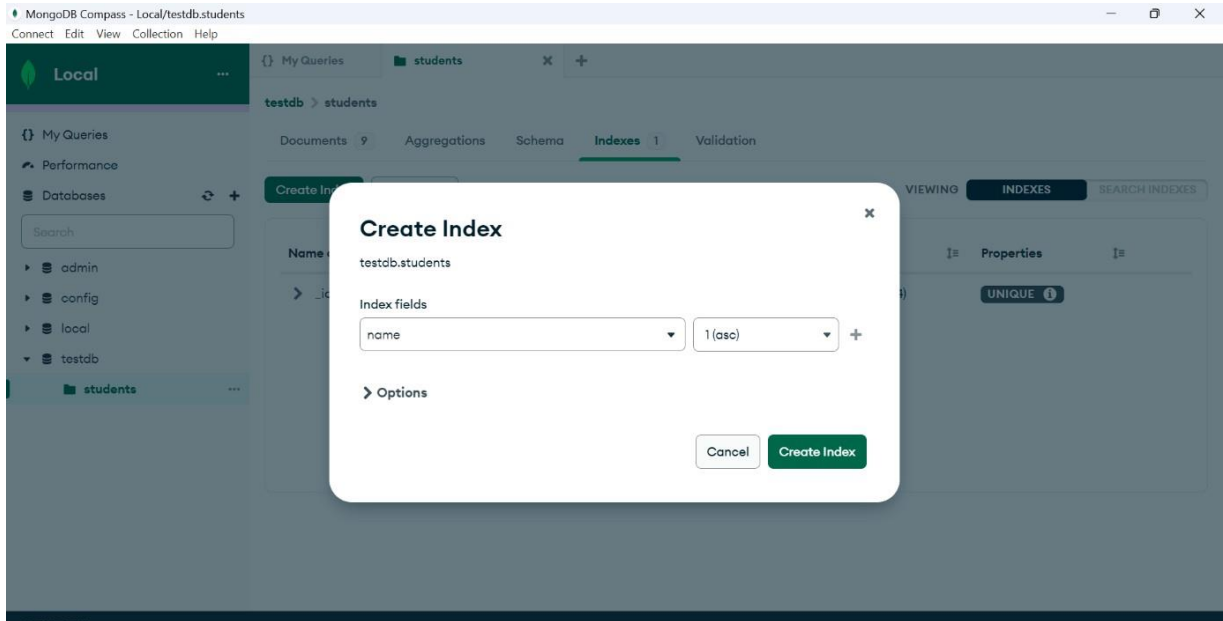
Q7.



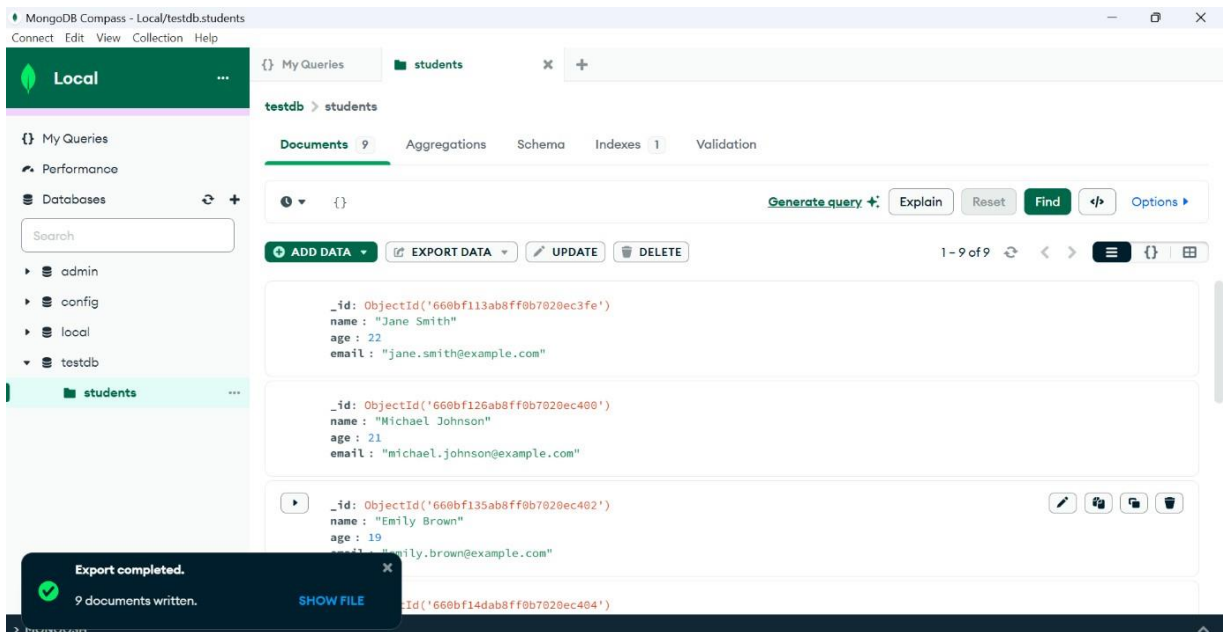
Q8.



Q9.



Q10.



Q11.

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Documents 9 Aggregations Schema Indexes 1 Validation

\$group \$sort Generate aggregation Explain Export Run Options

Untitled - modified SAVE CREATE NEW EXPORT TO LANGUAGE PREVIEW STAGES TEXT WIZARD

Stage 2 \$sort

```
1 [
2   {
3     "$sort": {
4       "age": -1
5     }
6   },
7   {
8     "$limit": 5
9   }
10 ]
```

Q12.

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Create Index Refresh VIEWING INDEXES SEARCH INDEXES

Name and Definition	Type	Size	Usage	Properties
> _id_	REGULAR	36.9 KB	13 (since Tue Apr 02 2024)	UNIQUE
> name_1	REGULAR	20.5 KB	0 (since Tue Apr 02 2024)	
> students_2dsphere	GEOSPATIAL	8.2 KB	0 (since Tue Apr 02 2024)	