SEQUEL → SQL

RAM

MySQL

name: Anu   marks: 95
age : 21   College : IIT
gender: f

Simple English Query
Structured

Hard Drive

DataBase

StudentDetails

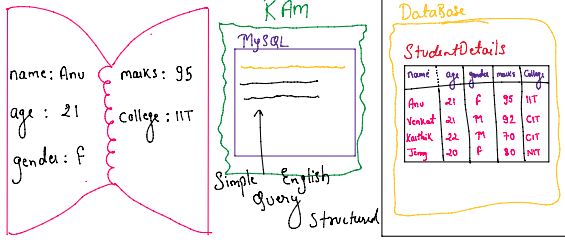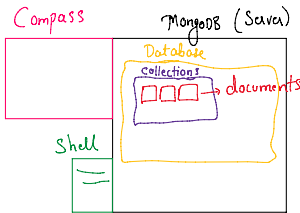| Name	age	gender	marks	College
Anu	21	f	95	IIT
Venkat	21	M	92	CIT
Karthik	22	M	70	CIT
Jenny	20	f	80	NIT

Managing Data

Stores data Permanently

Retrieve Data Efficiently

"Structured" (SQL)   (MongoDB) "Semi Structured"
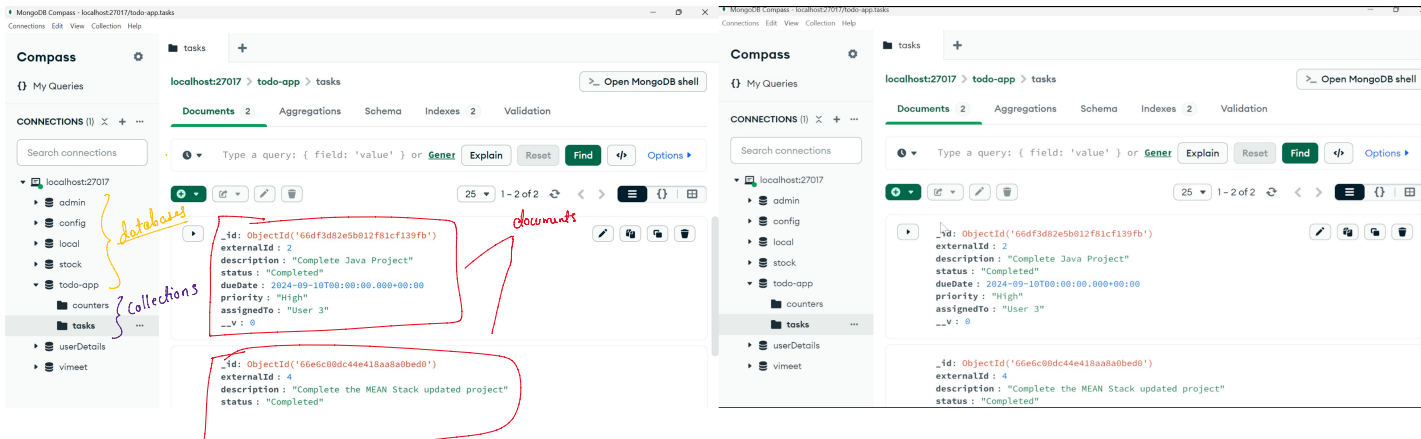   (NoSQL) (Document format)

Name	age	gender	marks	College
Anu	21	f	95	IIT
Venkat	21	M	92	CIT
Karthik	22	M	70	CIT
Jenny	20	f	80	NIT

name : "Anu"
age   : 21
gender : 'f'
marks : 95
College : IIT

MongoDB :

Compass   MongoDB (Server)

Database
Collection
□ □ □ → documents

Hard Drive

Shell

databases
documents
Collections

Browses

```
app.post('/register', (req, res) => {
  const firstName  req.body.firstName;
});
```

```
index.js    successPage.html  ×    index.html

public > successPage.html > html > body > h1
  2    <html lang="en">
  3      <head>
  6        <title>Login Page</title>
  7      </head>
  8      <body>
  9        <h1>Welcome {userName}, you have
             registered successfully!</h1>
 10      </body>
 11    </html>
```

Form Data

Serveu

success

Raahul ,