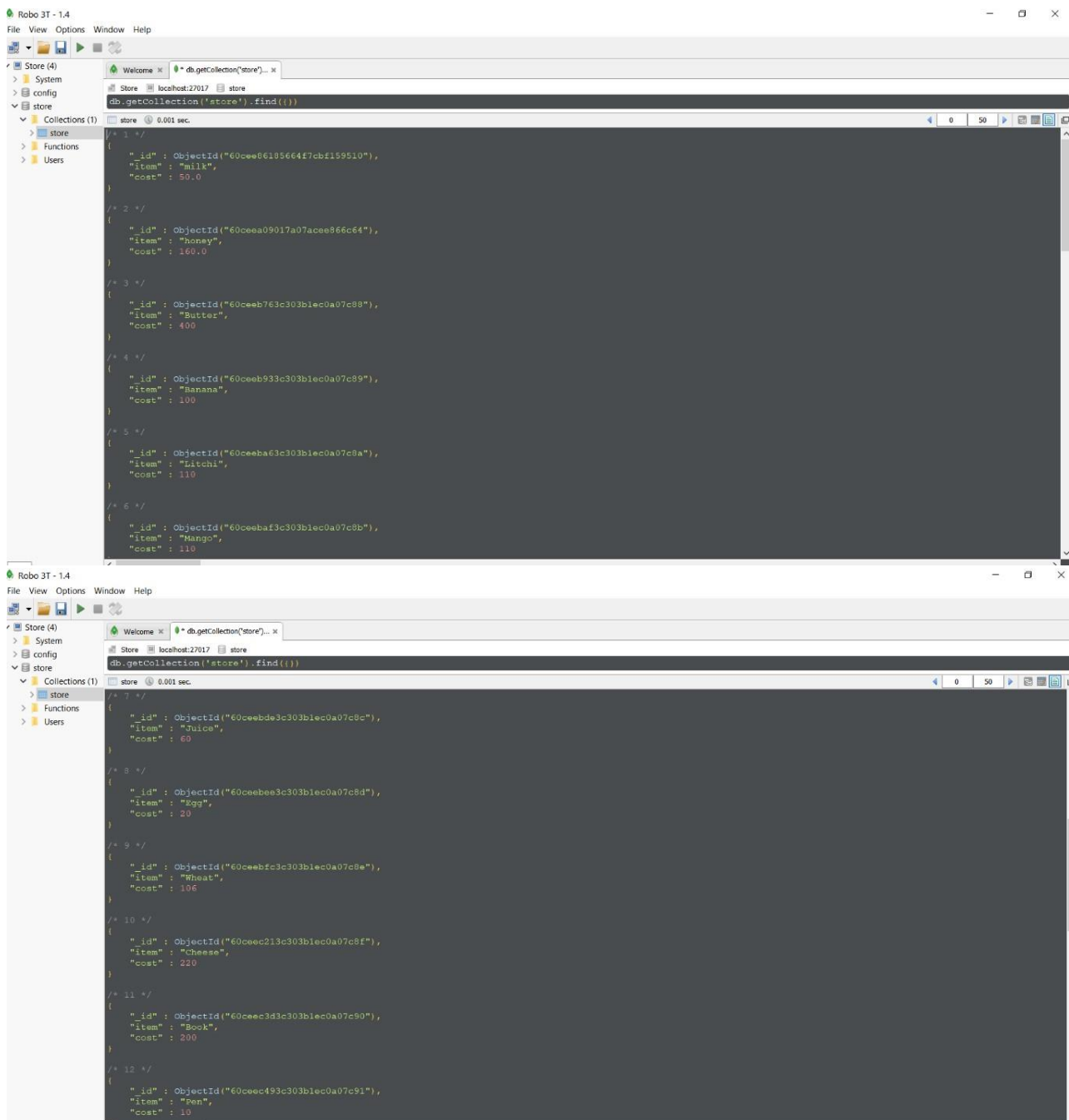


# Project Based Learning Mongo DB Assignment

## Code:

GitHub link: <https://github.com/bali1213/MongoDb.git>

## Collections:



```
Robo 3T - 1.4
File View Options Window Help

Store (4)
> System
> config
> store
  Collections (1)
    store
    Functions
    Users

Welcome x db.getCollection('store')... x
Store localhost:27017 store
db.getCollection('store').find({})

/* 1 */
{
  "_id" : ObjectId("60c0e06105664f7cb2159510"),
  "item" : "milk",
  "cost" : 50.0
}

/* 2 */
{
  "_id" : ObjectId("60c0ea09017a07ace866c64"),
  "item" : "honey",
  "cost" : 160.0
}

/* 3 */
{
  "_id" : ObjectId("60c0eb763c303b1ec0a07c88"),
  "item" : "Butter",
  "cost" : 400
}

/* 4 */
{
  "_id" : ObjectId("60c0eb933c303b1ec0a07c89"),
  "item" : "Banana",
  "cost" : 100
}

/* 5 */
{
  "_id" : ObjectId("60c0eba63c303b1ec0a07c8a"),
  "item" : "Litchi",
  "cost" : 110
}

/* 6 */
{
  "_id" : ObjectId("60c0ebaf3c303b1ec0a07c8b"),
  "item" : "Mango",
  "cost" : 210
}

Robo 3T - 1.4
File View Options Window Help

Store (4)
> System
> config
> store
  Collections (1)
    store
    Functions
    Users

Welcome x db.getCollection('store')... x
Store localhost:27017 store
db.getCollection('store').find({})

/* 7 */
{
  "_id" : ObjectId("60c0ebde3c303b1ec0a07c8c"),
  "item" : "Juice",
  "cost" : 60
}

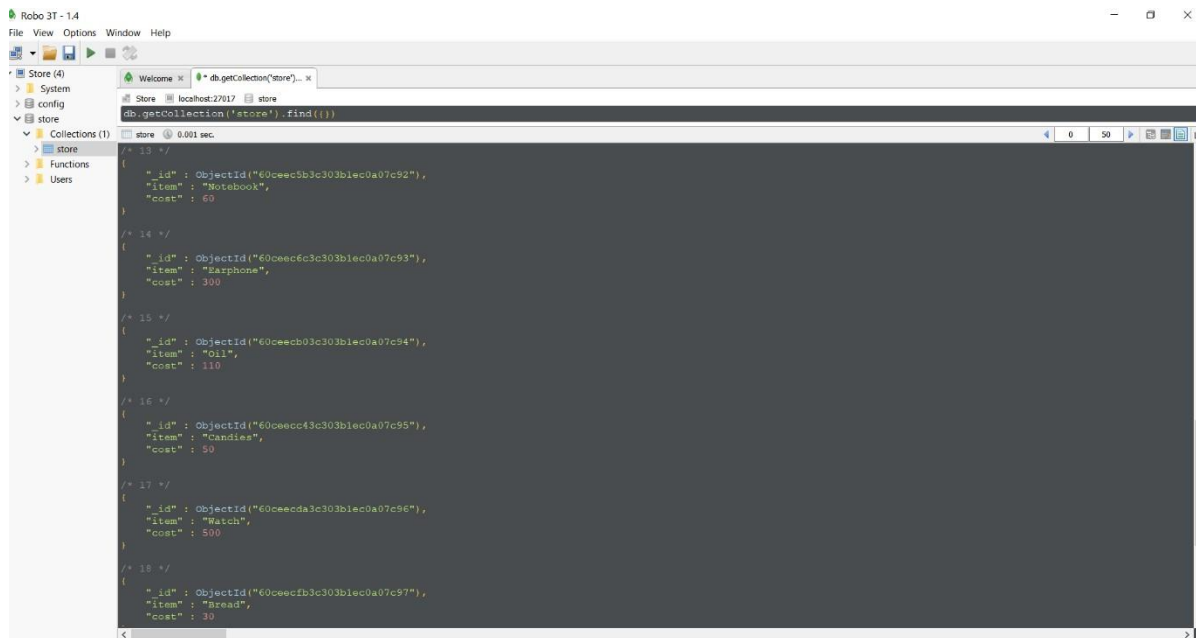
/* 8 */
{
  "_id" : ObjectId("60c0ebf3c303b1ec0a07c8d"),
  "item" : "Egg",
  "cost" : 20
}

/* 9 */
{
  "_id" : ObjectId("60c0ebfc3c303b1ec0a07c8e"),
  "item" : "Wheat",
  "cost" : 106
}

/* 10 */
{
  "_id" : ObjectId("60c0ec213c303b1ec0a07c8f"),
  "item" : "Cheese",
  "cost" : 220
}

/* 11 */
{
  "_id" : ObjectId("60c0ec3d3c303b1ec0a07c90"),
  "item" : "Book",
  "cost" : 200
}

/* 12 */
{
  "_id" : ObjectId("60c0ec493c303b1ec0a07c91"),
  "item" : "Pen",
  "cost" : 10
}
```



The screenshot shows the Robo 3T-1.4 application window. The left sidebar displays the database structure: Store (4), System, config, and store. The 'store' collection is expanded, showing 6 documents. The main pane displays the JSON documents for the 'store' collection, which are:

```
/* 13 */
{
  "_id": ObjectId("60ceec5b3c303b1ec0a07c92"),
  "item": "Notebook",
  "cost": 60
}

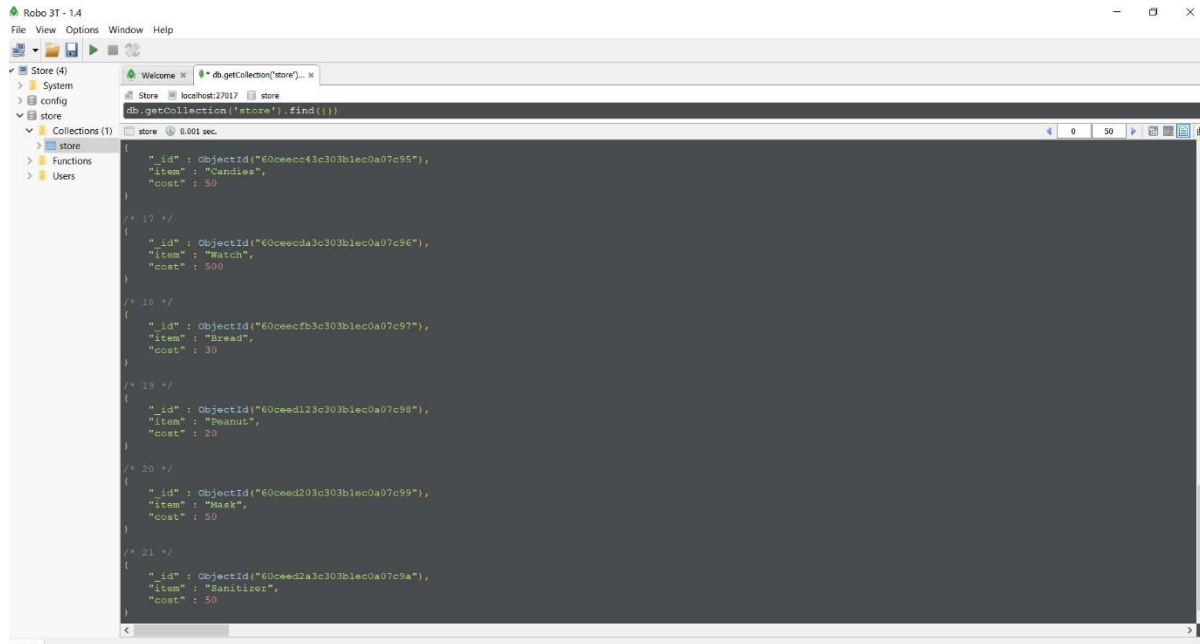
/* 14 */
{
  "_id": ObjectId("60ceec6c3c303b1ec0a07c93"),
  "item": "Earphone",
  "cost": 300
}

/* 15 */
{
  "_id": ObjectId("60ceecb03c303b1ec0a07c94"),
  "item": "Oil",
  "cost": 110
}

/* 16 */
{
  "_id": ObjectId("60ceec43c303b1ec0a07c95"),
  "item": "Candies",
  "cost": 50
}

/* 17 */
{
  "_id": ObjectId("60ceecd3c303b1ec0a07c96"),
  "item": "Watch",
  "cost": 500
}

/* 18 */
{
  "_id": ObjectId("60ceecfb3c303b1ec0a07c97"),
  "item": "Bread",
  "cost": 30
}
```



The screenshot shows the Robo 3T-1.4 application window. The left sidebar displays the database structure: Store (4), System, config, and store. The 'store' collection is expanded, showing 7 documents. The main pane displays the JSON documents for the 'store' collection, which are:

```
/* 17 */
{
  "_id": ObjectId("60ceec43c303b1ec0a07c95"),
  "item": "Candies",
  "cost": 50
}

/* 18 */
{
  "_id": ObjectId("60ceecd3c303b1ec0a07c96"),
  "item": "Watch",
  "cost": 500
}

/* 19 */
{
  "_id": ObjectId("60ceecfb3c303b1ec0a07c97"),
  "item": "Bread",
  "cost": 30
}

/* 20 */
{
  "_id": ObjectId("60cecd123c303b1ec0a07c98"),
  "item": "Peanut",
  "cost": 20
}

/* 21 */
{
  "_id": ObjectId("60cecd203c303b1ec0a07c99"),
  "item": "Mask",
  "cost": 50
}

/* 22 */
{
  "_id": ObjectId("60cecd2a3c303b1ec0a07c9a"),
  "item": "Sanitizer",
  "cost": 50
}
```

## Output:

```
*IDLE Shell 3.9.4*
File Edit Shell Debug Options Window Help
SHOPPING
1.SHOW LIST(DISPLAY ALL THE ITEMS)
2.CREATE(ADDING ITEM)
3.SEE THE COST(READ THE COLLECIONS)
4.UPDATE(CHANGE THE COST OF ITEM)
5.DELETE(REMOVE FROM COLLECTION)
6.BUY ITEMS
7.EXIT

Enter your choice : 1

ITEM LIST
1 : milk
2 : honey
3 : Butter
4 : Banana
5 : Litchi
6 : Mango
7 : Juice
8 : Egg
9 : Wheat
10 : Cheese
11 : Book
12 : Pen
13 : Notebook
14 : Earphone
15 : Oil
16 : Candies
17 : Watch
18 : Bread
19 : Peanut

SHOPPING
1.SHOW LIST(DISPLAY ALL THE ITEMS)
2.CREATE(ADDING ITEM)
3.SEE THE COST(READ THE COLLECIONS)
4.UPDATE(CHANGE THE COST OF ITEM)
5.DELETE(REMOVE FROM COLLECTION)
6.BUY ITEMS
7.EXIT

Enter your choice : 3
Enter the name of the product : Mask

ITEM DETAILS
ITEM NAME : Mask
COST OF ITEM : 50 Rs

Press enter to continue

SHOPPING
1.SHOW LIST(DISPLAY ALL THE ITEMS)
2.CREATE(ADDING ITEM)
3.SEE THE COST(READ THE COLLECIONS)
4.UPDATE(CHANGE THE COST OF ITEM)
5.DELETE(REMOVE FROM COLLECTION)
6.BUY ITEMS
7.EXIT

Enter your choice : 2
Enter the name of item : Serum
Enter the cost of the item : 200
ADDING NEW ITEM TO COLLECTION

Serum added to the collection with cost 200 Rs

Press enter to continue
```

## SHOPPING

- 1.SHOW LIST(DISPLAY ALL THE ITEMS)
- 2.CREATE(ADDING ITEM)
- 3.SEE THE COST(READ THE COLLECIONS)
- 4.UPDATE(CHANGE THE COST OF ITEM)
- 5.DELETE(REMOVE FROM COLLECTION)
- 6.BUY ITEMS
- 7.EXIT

Enter your choice : 4  
UPDATION THE COST OF ITEM

Enter the name of item to be updated : Mask  
Enter the new cost of the item : 100  
update the cost of Mask

Press enter to continue

## SHOPPING

- 1.SHOW LIST(DISPLAY ALL THE ITEMS)
- 2.CREATE(ADDING ITEM)
- 3.SEE THE COST(READ THE COLLECIONS)
- 4.UPDATE(CHANGE THE COST OF ITEM)
- 5.DELETE(REMOVE FROM COLLECTION)
- 6.BUY ITEMS
- 7.EXIT

Enter your choice : 5  
DELETING  
Enter the name of the product : Mask  
REMOVING ITEM FROM COLLECTION

Mask removed for collection

Press enter to continue

## SHOPPING

- 1.SHOW LIST(DISPLAY ALL THE ITEMS)
- 2.CREATE(ADDING ITEM)
- 3.SEE THE COST(READ THE COLLECIONS)
- 4.UPDATE(CHANGE THE COST OF ITEM)
- 5.DELETE(REMOVE FROM COLLECTION)
- 6.BUY ITEMS
- 7.EXIT

Enter your choice : 6  
Enter the number of item to buy : 2  
Enter the item 1 :  
Oil  
Enter the item 2 :  
Book  
ITEM BUYING LIST  
Oil of Rs 110  
Book of Rs 200

Total cost : 310

Press enter to continue

## SHOPPING

- 1.SHOW LIST(DISPLAY ALL THE ITEMS)
- 2.CREATE(ADDING ITEM)
- 3.SEE THE COST(READ THE COLLECIONS)
- 4.UPDATE(CHANGE THE COST OF ITEM)
- 5.DELETE(REMOVE FROM COLLECTION)
- 6.BUY ITEMS
- 7.EXIT

Enter your choice : 7  
>>> |