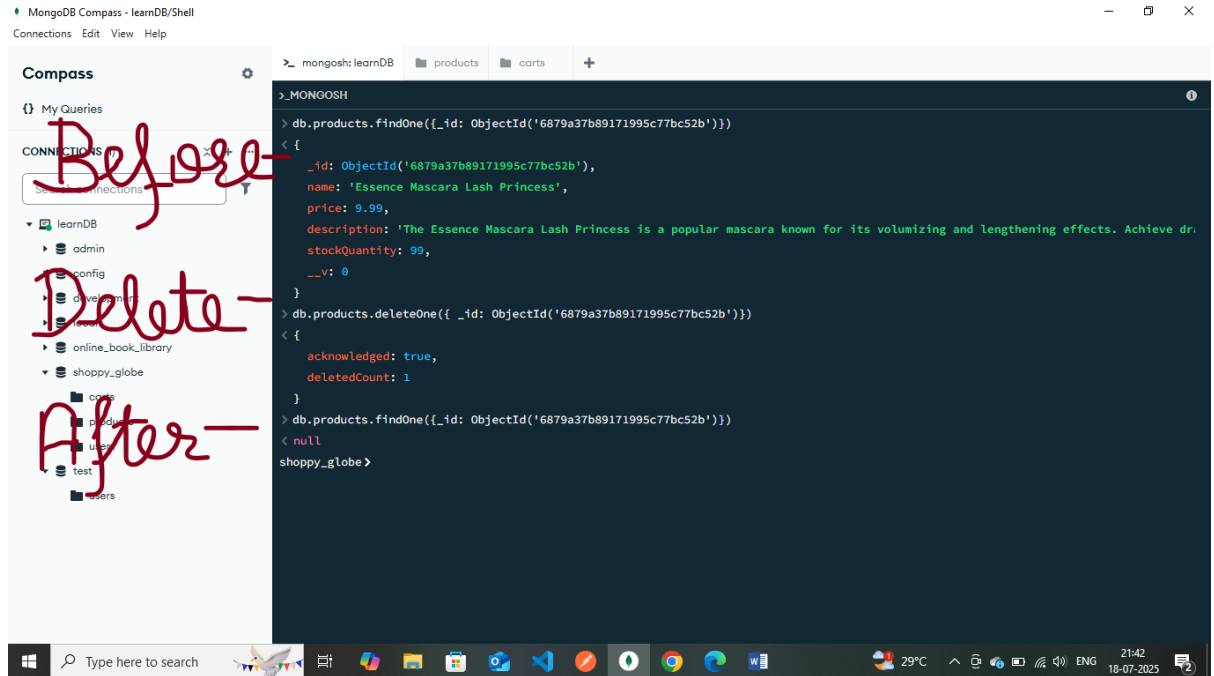


CRUD operations on MongoDB collections for products and cart items using mongosh

1. Product Collection

- Delete

Delete the document where ID matches.

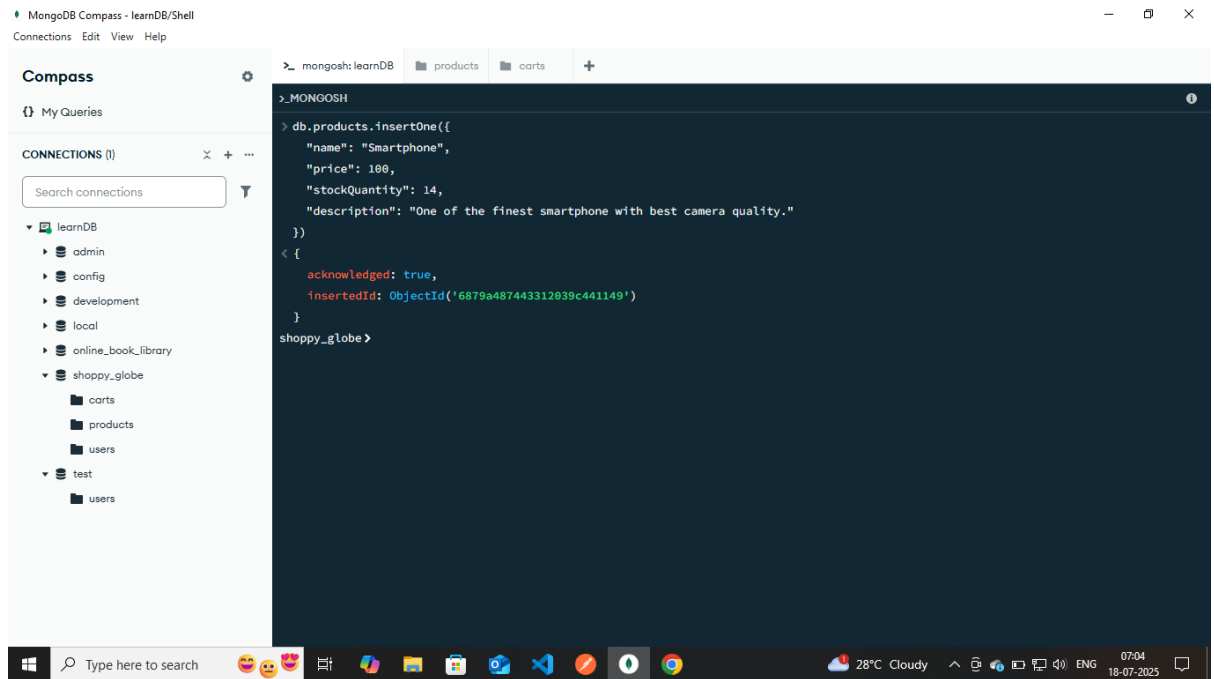


- Update

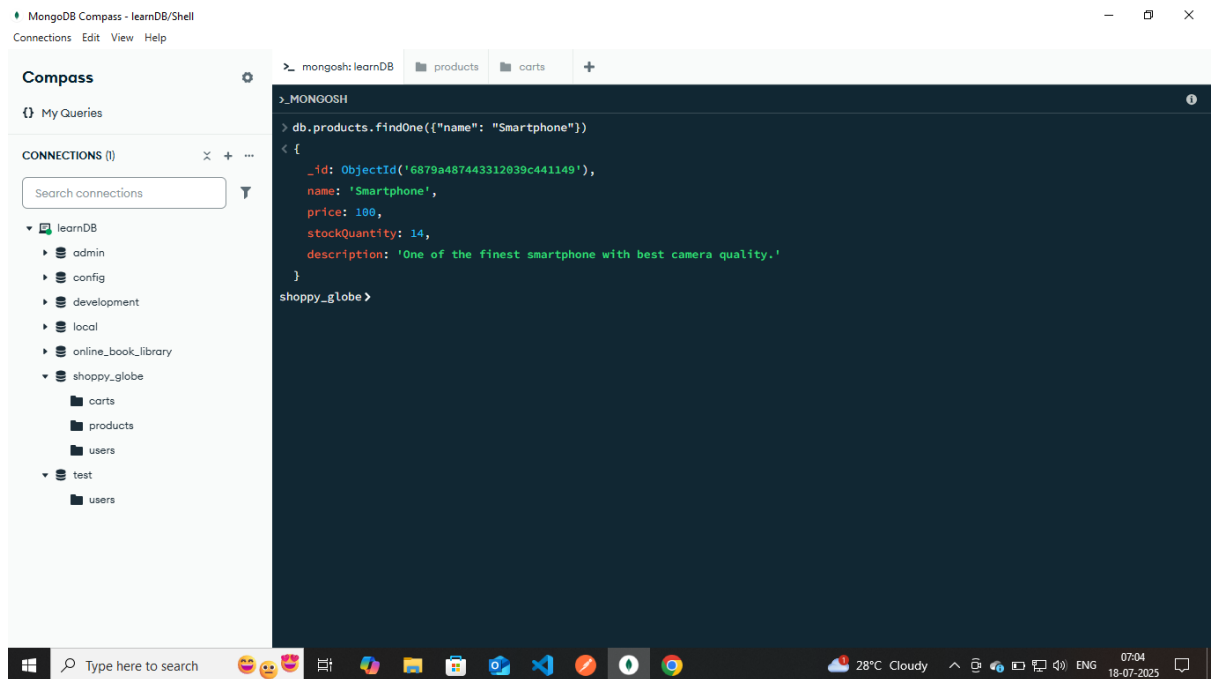
Update the price of document where id matches.



- **Insert**
Insert one document into the product collection



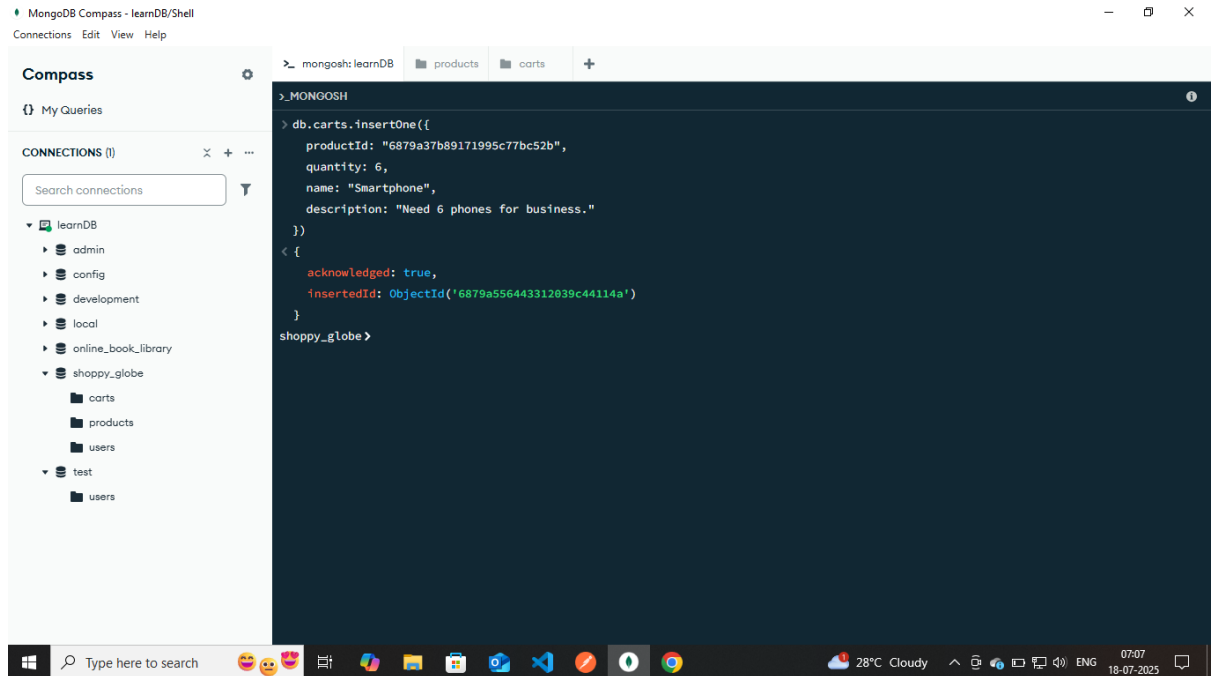
- **Find**
Find one document of products collection where name matches.



2. Cart Collection

- Insert

Insert one document in the cart collection.

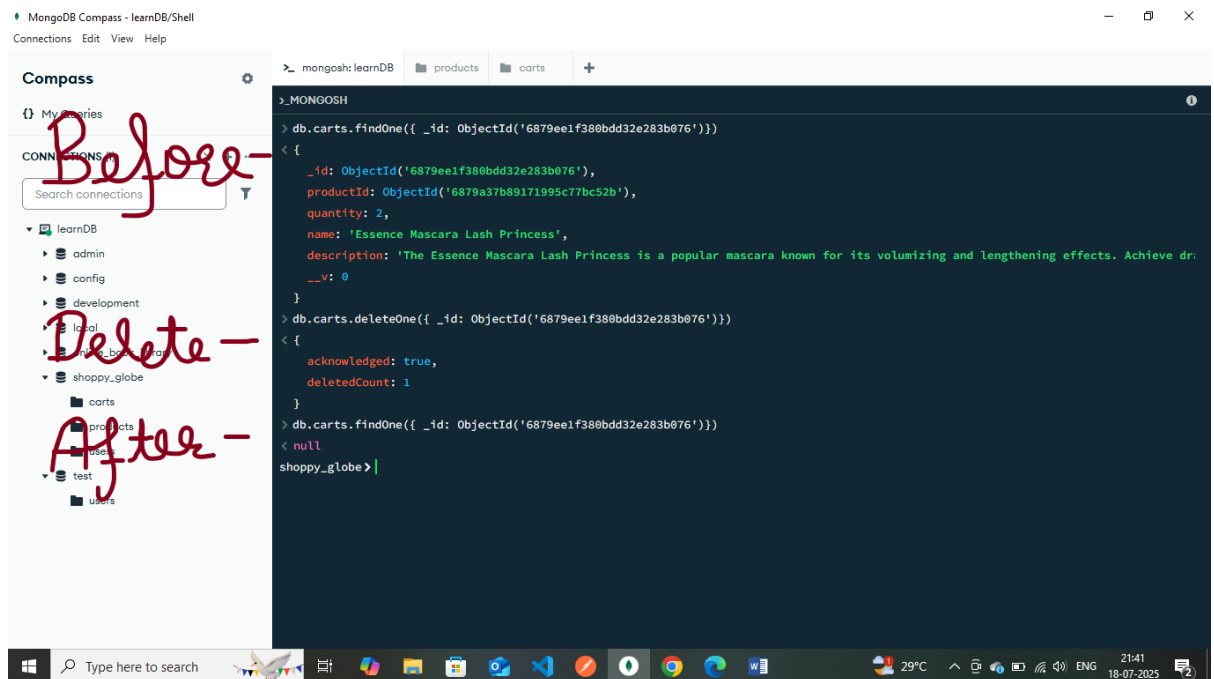


The screenshot shows the MongoDB Compass interface. On the left, the 'Connections' panel lists the 'learnDB' database with collections 'admin', 'config', 'development', 'local', 'online_book_library', 'shoppy_globe', and 'test'. The 'shoppy_globe' database is expanded, showing 'carts', 'products', and 'users' collections. The 'carts' collection is selected. The main panel displays the MongoDB Shell with the following commands and output:

```
> db.carts.insertOne({
  productId: "6879a37b89171995c77bc52b",
  quantity: 6,
  name: "Smartphone",
  description: "Need 6 phones for business."
})
< {
  acknowledged: true,
  insertedId: ObjectId('6879a556443312039c44114a')
}
shoppy_globe>
```

- Delete

Delete the document where Id matches.



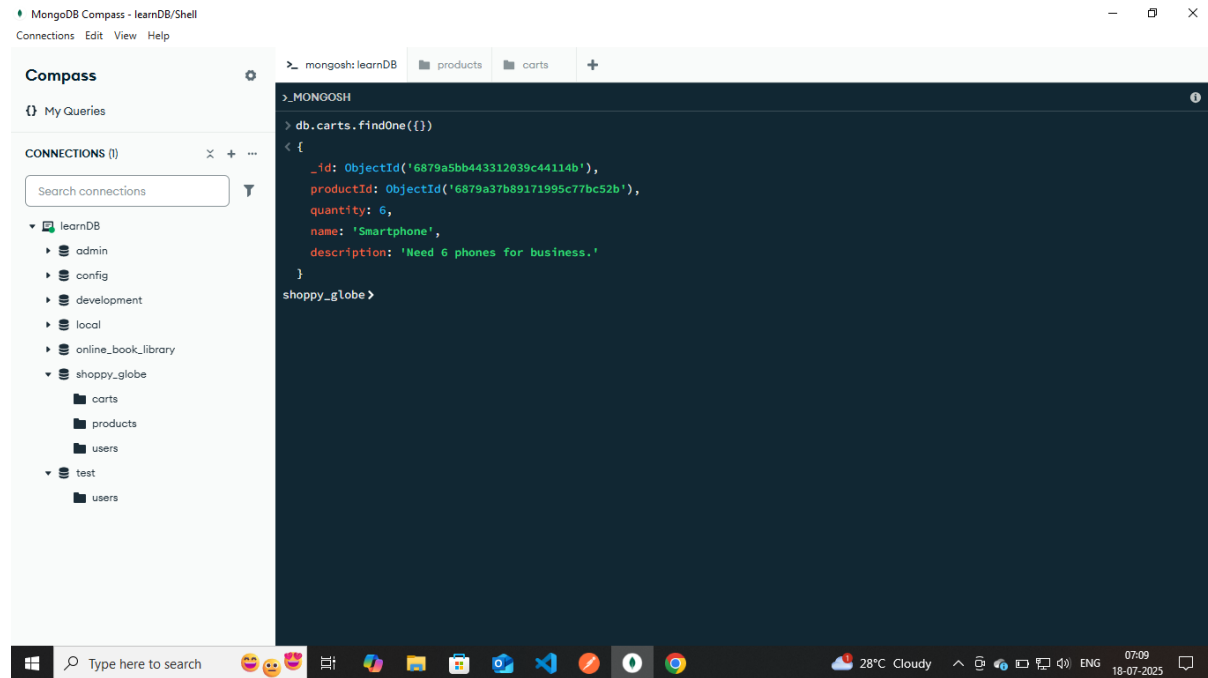
The screenshot shows the MongoDB Compass interface with the 'carts' collection selected. The main panel displays the MongoDB Shell with the following commands and output:

```
> db.carts.findOne({ _id: ObjectId('6879ee1f380bdd32e283b076')})
< {
  _id: ObjectId('6879ee1f380bdd32e283b076'),
  productId: ObjectId('6879a37b89171995c77bc52b'),
  quantity: 2,
  name: 'Essence Mascara Lash Princess',
  description: 'The Essence Mascara Lash Princess is a popular mascara known for its volumizing and lengthening effects. Achieve dr...',
  __v: 0
}
> db.carts.deleteOne({ _id: ObjectId('6879ee1f380bdd32e283b076')})
< {
  acknowledged: true,
  deletedCount: 1
}
> db.carts.findOne({ _id: ObjectId('6879ee1f380bdd32e283b076')})
< null
shoppy_globe>
```

Handwritten red text 'Before-' is written over the first command, and 'Delete - After-' is written over the second command.

- Find

Find the first document of carts collection



- Update

Compass

My Queries

CONNECTIONS (1)

learnDB

admin

config

development

local

engine_bolt_library

shopping_cart

products

users

test

users

Update Name

Before

Update

After

_MONGOSH

```
> db.carts.findOne({_id: ObjectId('6879fab48351529c1a6d9490')})
```

```
< {
```

```
  _id: ObjectId('6879fab48351529c1a6d9490'),
```

```
  productId: ObjectId('6879a37b89171995c77bc52b'),
```

```
  quantity: 2,
```

```
  name: 'Essence Mascara Lash Princess',
```

```
  description: 'The Essence Mascara Lash Princess is a popular mascara known for its volumizing and lengthening effects. Achieve dr.
```

```
  __v: 0
```

```
}
```

```
> db.carts.updateOne({_id: ObjectId('6879fab48351529c1a6d9490')}, {$set: { name: "Essence Mascara"}})
```

```
< {
```

```
  acknowledged: true,
```

```
  insertedId: null,
```

```
  matchedCount: 1,
```

```
  modifiedCount: 1,
```

```
  upsertedCount: 0
```

```
}
```

```
> db.carts.findOne({_id: ObjectId('6879fab48351529c1a6d9490')})
```

```
< {
```

```
  _id: ObjectId('6879fab48351529c1a6d9490'),
```

```
  productId: ObjectId('6879a37b89171995c77bc52b'),
```

```
  quantity: 2,
```

```
  name: 'Essence Mascara',
```

```
  description: 'The Essence Mascara Lash Princess is a popular mascara known for its volumizing and lengthening effects. Achieve dr.
```

```
  __v: 0
```