                    "price" : 149.99,
                    "quantity" : 12
                }
        ]
}
{
        "_id" : ObjectId("665966c5b15ac779b8ebd4d9"),
        "category_id" : 4,
        "name" : "iphone",
        "parent_category" : 1,
        "products" : [
                {
                        "product_id" : 1,
                        "name" : "iphone 12",
                        "price" : 999.99,
                        "quantity" : 10
                }
        ]
}
{
        "_id" : ObjectId("6659675fb15ac779b8ebd4da"),
        "category_id" : 5,
        "name" : "windows",
        "parent_category" : 2,
        "products" : [
                {
                        "product_id" : 3,
                        "name" : "Dell XPS 15",
                        "price" : 1599.99,
                        "quantity" : 8
                }
        ]
}
{
        "_id" : ObjectId("665967aab15ac779b8ebd4db"),
        "category_id" : 6,
        "name" : "Xbox",

                    "price" : 1999.99,
                    "quantity" : 5
                }
        ]
}
{
        "_id" : ObjectId("6659664db15ac779b8ebd4d8"),
        "category_id" : 3,
        "name" : "consoles",
        "parent_category" : null,
        "products" : [
                {
                        "product_id" : 4,
                        "name" : "Sony PlayStation 5",
                        "price" : 499.99,
                        "quantity" : 20
                },
                {
                        "product_id" : 5,
                        "name" : "Nintendo",
                        "price" : 149.99,
                        "quantity" : 12
                }
        ]
}
{
        "_id" : ObjectId("665966c5b15ac779b8ebd4d9"),
        "category_id" : 4,
        "name" : "iphone",
        "parent_category" : 1,
        "products" : [
                {
                        "product_id" : 1,
                        "name" : "iphone 12",
                        "price" : 999.99,
                        "quantity" : 10
                }

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```
        "acknowledged" : true,
        "insertedId" : ObjectId("665967aab15ac779b8ebd4db")
}
> db.categories.find().pretty()
{
        "_id" : ObjectId("66596318b15ac779b8ebd4d6"),
        "category_id" : 1,
        "name" : "phones",
        "parent_category" : null,
        "products" : [ ]
}
{
        "_id" : ObjectId("66596557b15ac779b8ebd4d7"),
        "category_id" : 2,
        "name" : "Loptops",
        "parent_category" : null,
        "products" : [
                {
                        "product_id" : 2,
                        "name" : "MacBook",
                        "price" : 1999.99,
                        "quantity" : 5
                }
        ]
}
{
        "_id" : ObjectId("6659664db15ac779b8ebd4d8"),
        "category_id" : 3,
        "name" : "consoles",
        "parent_category" : null,
        "products" : [
                {
                        "product_id" : 4,
                        "name" : "Sony PlayStation 5",
                        "price" : 499.99,
                        "quantity" : 20
                },
```

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```
                "product_id" : 2,
                "name" : "MacBook",
                "price" : 1999.99,
                "quantity" : 5
            }
        ]
}
> db.categories.insertOne({"category_id":3,"name":"consoles","parent_category":null,"products":[{"product_id":4,"name":"Sony PlayStation 5","price":49
9.99,"quantity":20},{"product_id":5,"name":"Nintendo","price":149.99,"quantity":12}]})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("6659664db15ac779b8ebd4d8")
}
> db.categories.insertOne({"category_id":4,"name":"iphone","parent_category":1,"products":[{"product_id":1,"name":"iphone 12","price":999.99,"quantity
":10}]})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("665966c5b15ac779b8ebd4d9")
}
> db.categories.insertOne({"category_id":5,"name":"windows","parent_category":2,"products":[{"product_id":3,"name":"Dell XPS 15","price":1599.99,"quan
tity":8}]})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("6659675fb15ac779b8ebd4da")
}
> db.categories.insertOne({"category_id":6,"name":"Xbox","parent_category":3,"products":[{"product_id":6,"name":"Xbox series X","price":499.99,"quanti
ty":25}]})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("665967aab15ac779b8ebd4db")
}
> db.categories.find().pretty()
{
        "_id" : ObjectId("66596318b15ac779b8ebd4d6"),
        "category_id" : 1,
        "name" : "phones",
        "parent_category" : null,
```

```
        "acknowledged" : true,
        "insertedId" : ObjectId("66596318b15ac779b8ebd4d6")
}
> db.categories.insertOne({"category_id":2,"name":"Loptops","parent_category":null,"products":[{"product_id":2,"name":"MacBook":,"price":1999.99,"quan
tity":5}]})
2024-05-31T11:19:52.424+0530 E  QUERY    [js] uncaught exception: SyntaxError: missing } after property list :
@(shell):1:125
> db.categories.insertOne({"category_id":2,"name":"Loptops","parent_category":null,"products":[{"product_id":2,"name":"MacBook","price":1999.99,"quant
ity":5}]})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("66596557b15ac779b8ebd4d7")
}
> db.categories.find().pretty()
{
        "_id" : ObjectId("66596318b15ac779b8ebd4d6"),
        "category_id" : 1,
        "name" : "phones",
        "parent_category" : null,
        "products" : [ ]
}
{
        "_id" : ObjectId("66596557b15ac779b8ebd4d7"),
        "category_id" : 2,
        "name" : "Loptops",
        "parent_category" : null,
        "products" : [
                {
                        "product_id" : 2,
                        "name" : "MacBook",
                        "price" : 1999.99,
                        "quantity" : 5
                }
        ]
}
> db.categories.insertOne({"category_id":3,"name":"consoles","parent_category":null,"products":[{"product_id":4,"name":"Sony PlayStation 5","price":49
9.99,"quantity":20},{"product_id":5,"name":"Nintendo","price":149.99,"quantity":12}]})
```

```
        "insertedId" : ObjectId("66596256b15ac779b8ebd4d5")
}
> db.categories.drop()
true
> db.createCollection("categories")
{ "ok" : 1 }
> db.categories.insertOne({"category_id":1,"name":"phones","parent_category":null,"products":[]})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("66596318b15ac779b8ebd4d6")
}
> db.categories.insertOne({"category_id":2,"name":"Loptops","parent_category":null,"products":[{"product_id":2,"name":"MacBook":,"price":1999.99,"quan
tity":5}]})
2024-05-31T11:19:52.424+0530 E  QUERY    [js] uncaught exception: SyntaxError: missing } after property list :
@(shell):1:125
> db.categories.insertOne({"category_id":2,"name":"Loptops","parent_category":null,"products":[{"product_id":2,"name":"MacBook","price":1999.99,"quant
ity":5}]})
{
        "acknowledged" : true,
        "insertedId" : ObjectId("66596557b15ac779b8ebd4d7")
}
> db.categories.find().pretty()
{
        "_id" : ObjectId("66596318b15ac779b8ebd4d6"),
        "category_id" : 1,
        "name" : "phones",
        "parent_category" : null,
        "products" : [ ]
}
{
        "_id" : ObjectId("66596557b15ac779b8ebd4d7"),
        "category_id" : 2,
        "name" : "Loptops",
        "parent_category" : null,
        "products" : [
                {
                        "product_id" : 2,
                        "name" : "MacBook",
```

```
            {
                "product_id" : 1,
                "name" : "iphone 12",
                "price" : 999.99,
                "quantity" : 10
            }
        ]
}
{
    "_id" : ObjectId("6659675fb15ac779b8ebd4da"),
    "category_id" : 5,
    "name" : "windows",
    "parent_category" : 2,
    "products" : [
            {
                "product_id" : 3,
                "name" : "Dell XPS 15",
                "price" : 1599.99,
                "quantity" : 8
            }
        ]
}
{
    "_id" : ObjectId("665967aab15ac779b8ebd4db"),
    "category_id" : 6,
    "name" : "Xbox",
    "parent_category" : 3,
    "products" : [
            {
                "product_id" : 6,
                "name" : "Xbox series X",
                "price" : 499.99,
                "quantity" : 25
            }
        ]
}
>
```