## **Lab 8 – Week 11**

## Paras Singh: 165-114-232

## **Tasks**

1. Write a query to return *name* and *price* of each product in the *inventory* database.

```
inventory> db.products.find({}, {name: 1, price: 1, _id: 0})

{    name: 'AC3 Phone', price: 200 },
    {    name: 'AC7 Phone', price: 320 },
    {    name: 'AC3 Series Charger', price: 19 },
    {    name: 'AC3 Case Green', price: 12 },
    {    name: 'Phone Extended Warranty', price: 38 },
    {    name: 'AC3 Case Black', price: 12.5 },
    {    name: 'AC3 Case Red', price: 12 },
    {    name: 'Phone Service Basic Plan' },
    {    name: 'Phone Service Core Plan' },
    {    name: 'Phone Service Family Plan' },
    {    name: 'Cable TV Basic Service Package' }

inventory>
```

2. Write a query to return *name* and *price* for products of type *accessory* in the *inventory* database.

```
inventory> db.products.find({type: "accessory"}, {name: 1, price: 1, _id: 0})
[
    { name: 'AC3 Series Charger', price: 19 },
    { name: 'AC3 Case Green', price: 12 },
    { name: 'AC3 Case Black', price: 12.5 },
    { name: 'AC3 Case Red', price: 12 }
]
inventory>
```

3. Write a query to return *name* and *price* for products with price between \$12 and \$20 (Values 12 and 20 are included).

Last Update: Winter 2025

Last Update: Winter 2025

4. Write a query to return *id*, *name*, *price*, and *type* for products that are not of type *accessory*.

5. Write a query to return *id*, *name*, *price*, and type for products with type *accessory* or *service*.

6. Write a query to return id, name, price, and type for products that do have the type key.

```
_id: 'ac3', name: 'AC3 Phone', type: 'phone', price: 200 }, _id: 'ac7', name: 'AC7 Phone', type: 'phone', price: 320 },
```

7. Write a query to return *id*, *name*, *price*, and *type* for products that their type is both *accessory* and *case*.

Good luck.

Last Update: Winter 2025