# Lab 8 – MongoDB – Query

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Purpose: LAB 08 DBS311

## Submission

## Tasks

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

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| > db.products.find({},{name:1,price:1}); |

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

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| db.products.find({type:{"$in":["accessory"]}},{name:1,price:1}); |

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

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| db.products.find({"price":{"$gte":12,"$lte":20}},{name:1,price:1}); |

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

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| > db.products.find({type:{$ne:"accessory"}},{id:1,name:1,price:1,type:1}); |

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

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| > db.products.find({$or:[{type:"accessory"},{type:"service"}]},{id:1,name:1,price:1,type:1}); |

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

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| > db.products.find({$and:[{type:{$not :{$size:0}}},{type:{$exists:true}}]},{id:1,name:1,price:1,type:1}); |

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

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| > db.products.find({"$and":[{type:"accessory"},{type:"case"}]},{id:1,name:1,price:1,type:1}); |