Behavior

Projection

The `projection` parameter determines which fields are returned in the matching documents. The `projection` parameter takes a document of the following form:

```
{ <field1>: <value>, <field2>: <value> ... }
```

Find All Documents in a Collection

The `find()` method with no parameters returns all documents from a collection and returns all fields for the documents. For example, the following operation returns all documents in the bios collection:

```
db.bios.find()
```

Find Documents that Match Query Criteria

Query for Equality

- The following operation returns documents in the bios collection where _id equals 5:

```
db.bios.find( { _id: 5 } )
```

The following operation returns documents in the bios collection where the field **last** in the **name** embedded document equals **"Hopper"**:

```
db.bios.find( { "name.last": "Hopper" } )
```

Query Using Operators

The following operation uses the $in operator to return documents in the bios collection where _id equals either 5 or ObjectId("507c35dd8fada716c89d0013"):

```
db.bios.find(

   { _id: { $in: [ 5, ObjectId("507c35dd8fada716c89d0013") ] } })
```

Query for Multiple Conditions

The following operation returns all the documents from the bios collection where birth field is greater than new Date('1950-01-01') and death field does not exists:

```
db.bios.find( {

   birth: { $gt: new Date('1920-01-01') },

   death: { $exists: false }

} )
```