Final Exam

Final: Question 2

Correct Answer:

```
Bson query = lt("software_version", 4.0);
Bson modification = set("needs_to_update", true);
phonesCollection.updateMany(query, modification);
```
COPY

This will find all phones with a **software_version** below 4.0, and set the **needs_to_update** field to **true** for those documents.

Incorrect Answers:

```
Bson query = lte("software_version", 4.0);
Bson modification = set("needs_to_update", true);
phonesCollection.updateMany(query, modification);
```
COPY

This will find all phones with a **software_version** below *or equal to* 4.0, and set the **needs_to_update** field to **true** for those documents. This means that phones using version 4.0 will be marked as **needs_to_update**.

```
Bson query = lt("software_version", 4.0);
Bson modification = inc("needs_to_update", true);
phonesCollection.updateMany(query, modification);
```
COPY

This will actually error out, because the update operator **$inc** can only increment numeric arguments.

```
Bson query = lt("software_version", 4.0);
Bson modification = set("needs_to_update", true);
phonesCollection.updateOne(query, modification);
```
COPY

This will find *one* phone with a **software_version** below 4.0, and set the **needs_to_update** field to **true** for that one phone. It will stop execution after one update.

```
Bson query = gt("software_version", 4.0);
Bson modification = set("needs_to_update", true);
phonesCollection.updateMany(query, modification);
```

This will find all phones with a **software_version** *above* 4.0, and set the **needs_to_update** field to **true** for those documents.

Proceed to next section