

## MongoDB

### 3. Insert Sample Data:

Task: Insert two sample documents into the "products" collection with different product names and prices.

### 4. Set Collection Validation:

Task: Set validation rules for the "users" collection within the "ecommerce" database. Ensure that the "username" is a string, and "email" is unique.

### 3. Insert Sample Data into the products Collection:

```
// Insert two sample documents with different product names and prices
db.products.insertMany([
  { productName: "Smartphone", price: 20000 },
  { productName: "Laptop", price: 60000 }
]);
// Verify the inserted documents
db.products.find().pretty();
```

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### 4. Set Validation Rules for the users Collection:

Validation Rules:

- "username" must be a string.
- "email" must be unique.

```
// Create the 'users' collection with validation rules
db.createCollection("users", {
  validator: {
    $jsonSchema: {
      bsonType: "object",
      required: ["username", "email"],
      properties: {
        username: {
          bsonType: "string",
          description: "Must be a string and is required"
        },
        email: {
          bsonType: "string",
          pattern: "^.+@.+\\.\\..+$",
          description: "Must be a valid email and is required"
        }
      }
    }
  }
});
```

```
    }  
  }  
}  
});
```

```
// Ensure 'email' is unique  
db.users.createIndex({ email: 1 }, { unique: true });
```