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Lab 8 Activity – MongoDB

1. Using the sales collection, find the total revenue generated by each product using an aggregation pipeline.

```
db.sales.aggregate([ { $group: { _id: "$product_id", totalRevenue: { $sum: { $multiply: ["$quantity", "$price"] } } } } ]);
```

```
schoolDB> db.sales.aggregate([
...   {
...     $group: {
...       _id: "$product_id",
...       totalRevenue: { $sum: { $multiply: ["$quantity", "$price"] } }
...     }
...   }
... ]);
[
  { _id: 'A123', totalRevenue: 479.700000000000005 },
  { _id: 'B456', totalRevenue: 699.3 }
]
```