

## CODE-

```
db.sales.aggregate([
  {
    $addFields: {
      total_revenue: { $multiply: ["$quantity", "$price"] },
      total_profit: { $multiply: [{ $subtract: ["$price", "$cost"] },
"$quantity"] }
    }
  },
  {
    $group: {
      _id: "$category",
      totalRevenue: { $sum: "$total_revenue" },
      totalProfit: { $sum: "$total_profit" }
    }
  }
])
```

## OUTPUT-

```
< {  
  _id: 'Clothing',  
  totalRevenue: 699.3,  
  totalProfit: 349.3  
}  
{  
  _id: 'Electronics',  
  totalRevenue: 479.700000000000005,  
  totalProfit: 179.700000000000002  
}  
schoolDB>
```