

```
> db.products.find({sku : {$regex : /^ABC/i}})
{ "_id" : 100, "sku" : "abc123", "description" : "Single line description." }
{ "_id" : 101, "sku" : "abc789", "description" : "First line\nSecond line" }
> █
```

```
> db.products.find({description : {$regex : /m.*line/, $options : 'si' }})
{ "_id" : 102, "sku" : "xyz456", "description" : "Many spaces before line" }
{ "_id" : 103, "sku" : "xyz789", "description" : "Multiple\nline description" }
> █
```

```
> db.products.find({sku : {$regex : /789$/}})
{ "_id" : 101, "sku" : "abc789", "description" : "First line\nSecond line" }
{ "_id" : 103, "sku" : "xyz789", "description" : "Multiple\nline description" }
> █
```

```
> db.products.find({description : {$regex : /^S/, $options : 'mi'}})
{ "_id" : 100, "sku" : "abc123", "description" : "Single line description." }
{ "_id" : 101, "sku" : "abc789", "description" : "First line\nSecond line" }
> █
```

```
> var bulk = db.transactions.initializeUnorderedBulkOp();
> bulk.find({}).update({$toDouble : "$transactions.price", 0, 5})
2021-05-19T15:24:09.707+0530 E QUERY [js] SyntaxError: missing : after property id :
@ (shell):1:58
> bulk.find({}).update({$toDouble : "$transactions.price"})
> █
```

```
> db.transactions.aggregate([ { $sumwind : "$transactions", { $match : { 'transactions.transaction_code' : 'buy' } }, { $group : { '_id' : '$account_id', totalBuyingAmount : { $sum : { $toDouble : '$transactions.price' } } } }, { $skip : 5 }, { $limit : 5 }, { $sort : { 'totalBuyingAmount' : -1 } } ] )
{ "_id" : 921410, "totalBuyingAmount" : 6604.961760397223 }
{ "_id" : 70441, "totalBuyingAmount" : 4068.4103149980324 }
{ "_id" : 87437, "totalBuyingAmount" : 2639.7506499570864 }
{ "_id" : 88112, "totalBuyingAmount" : 473.7407929383462 }
{ "_id" : 627690, "totalBuyingAmount" : 471.31889181947685 }
> █
```

```
> db.transactions.aggregate([      {$ unwind: '$transactions'},      { $match : { 'transactions.transaction_code' : 'buy' } },      { $group: { '_id': '$account_id', buy_count: { $sum: 1 } } } ]])
{ "_id" : 238139, "buy_count" : 55 }
{ "_id" : 113123, "buy_count" : 2 }
{ "_id" : 873264, "buy_count" : 28 }
{ "_id" : 788012, "buy_count" : 42 }
{ "_id" : 729370, "buy_count" : 33 }
{ "_id" : 627690, "buy_count" : 14 }
{ "_id" : 70441, "buy_count" : 12 }
{ "_id" : 88112, "buy_count" : 18 }
{ "_id" : 87437, "buy_count" : 40 }
{ "_id" : 921410, "buy_count" : 35 }
{ "_id" : 51080, "buy_count" : 16 }
{ "_id" : 837317, "buy_count" : 15 }
{ "_id" : 773322, "buy_count" : 2 }
{ "_id" : 721914, "buy_count" : 11 }
{ "_id" : 633630, "buy_count" : 32 }
{ "_id" : 153460, "buy_count" : 54 }
{ "_id" : 876756, "buy_count" : 42 }
{ "_id" : 118134, "buy_count" : 34 }
{ "_id" : 741232, "buy_count" : 27 }
{ "_id" : 448268, "buy_count" : 15 }
```