

```
test> use arjun
switched to db arjun
arjun> db.createCollection('website')
{ ok: 1 }
arjun> db.website.insertOne({ Rollno:1,Name:'Harsh',Amount:10000,url:'www.yahoo.com'})
{
  acknowledged: true,
  insertedId: ObjectId('662624aa86aa3e9f2e9f990a')
}
arjun> db.website.insertOne({ Rollno:2,Name:'Jitesh',Amount:20000,url:'www.yahoo.com'})
{
  acknowledged: true,
  insertedId: ObjectId('662624d286aa3e9f2e9f990b')
}
arjun> db.website.insertOne({ Rollno:3,Name:'Rina',Amount:30000,url:'www.google.com'})
{
  acknowledged: true,
  insertedId: ObjectId('662624ed86aa3e9f2e9f990c')
}
arjun> db.website.insertOne({ Rollno:4,Name:'Ash',Amount:40000,url:'www.gmail.com'})
{
  acknowledged: true,
  insertedId: ObjectId('6626251a86aa3e9f2e9f990d')
}
arjun> db.website.insertOne({ Rollno:5,Name:'Ajo',Amount:10000,url:'www.pvg.com'})
{
  acknowledged: true,
  insertedId: ObjectId('6626253186aa3e9f2e9f990e')
}
arjun> db.website.insertOne({ Rollno:6,Name:'Ash',Amount:20000,url:'www.gmail.com'})
```

```
{
  acknowledged: true,
  insertedId: ObjectId('6626280586aa3e9f2e9f990f')
}
```

```
arjun> db.website.aggregate({$group:{_id:$Name,'total':{$sum:$Amount}}})
```

```
[
  { _id: 'Harsh', total: 10000 },
  { _id: 'Rina', total: 30000 },
  { _id: 'Jitesh', total: 20000 },
  { _id: 'Ash', total: 60000 },
  { _id: 'Ajo', total: 10000 }
]
```

```
arjun> db.website.aggregate({$group:{_id:$Name,'Total':{$avg:$Amount}}})
```

```
[
  { _id: 'Rina', Total: 30000 },
  { _id: 'Jitesh', Total: 20000 },
  { _id: 'Ajo', Total: 10000 },
  { _id: 'Harsh', Total: 10000 },
  { _id: 'Ash', Total: 30000 }
]
```

```
arjun> db.website.aggregate({$group:{_id:$Name,'Total':{$min:$Amount}}})
```

```
[
  { _id: 'Jitesh', Total: 20000 },
  { _id: 'Rina', Total: 30000 },
  { _id: 'Ajo', Total: 10000 },
  { _id: 'Harsh', Total: 10000 },
  { _id: 'Ash', Total: 20000 }
]
```

```
]
```

```
arjun> db.website.aggregate({$group:{_id:'$Name',Total:{$max:'$Amount'}}})
```

```
[
```

```
  { _id: 'Jitesh', Total: 20000 },
```

```
  { _id: 'Rina', Total: 30000 },
```

```
  { _id: 'Ajo', Total: 10000 },
```

```
  { _id: 'Harsh', Total: 10000 },
```

```
  { _id: 'Ash', Total: 40000 }
```

```
]
```

```
arjun> db.website.aggregate({$group:{_id:'$Name',Total:{$first:'$Amount'}}})
```

```
[
```

```
  { _id: 'Harsh', Total: 10000 },
```

```
  { _id: 'Rina', Total: 30000 },
```

```
  { _id: 'Jitesh', Total: 20000 },
```

```
  { _id: 'Ash', Total: 40000 },
```

```
  { _id: 'Ajo', Total: 10000 }
```

```
]
```

```
arjun> db.website.aggregate({$group:{_id:'$Name',Total:{$last:'$Amount'}}})
```

```
[
```

```
  { _id: 'Jitesh', Total: 20000 },
```

```
  { _id: 'Rina', Total: 30000 },
```

```
  { _id: 'Ajo', Total: 10000 },
```

```
  { _id: 'Harsh', Total: 10000 },
```

```
  { _id: 'Ash', Total: 20000 }
```

```
]
```

```
arjun> db.website.aggregate({$group:{_id:'$Name',Total:{$push:'$Amount'}}})
```

```
[
  { _id: 'Rina', Total: [ 30000 ] },
  { _id: 'Jitesh', Total: [ 20000 ] },
  { _id: 'Ajo', Total: [ 10000 ] },
  { _id: 'Harsh', Total: [ 10000 ] },
  { _id: 'Ash', Total: [ 40000, 20000 ] }
]
```

```
arjun> db.website.aggregate({$group:{_id:'$Name',Total:{$sum:1}}})
```

```
[
  { _id: 'Harsh', Total: 1 },
  { _id: 'Jitesh', Total: 1 },
  { _id: 'Rina', Total: 1 },
  { _id: 'Ash', Total: 2 },
  { _id: 'Ajo', Total: 1 }
]
```

```
arjun> db.website.aggregate({$group:{_id:'$Name',Total:{$addToSet:'$Amount'}}})
```

```
[
  { _id: 'Harsh', Total: [ 10000 ] },
  { _id: 'Jitesh', Total: [ 20000 ] },
  { _id: 'Rina', Total: [ 30000 ] },
  { _id: 'Ash', Total: [ 40000, 20000 ] },
  { _id: 'Ajo', Total: [ 10000 ] }
]
```