

```
use pr_9
```

```
switched to db pr_9
```

```
db.createCollection("pr10")
```

```
{ ok: 1 }
```

```
db.pr10.insert({roll:1,name:"mansi",subject:"DBMS",marks:80})
```

DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.

```
{
```

```
  acknowledged: true,
```

```
  insertedIds: {
```

```
    '0': ObjectId('6718ada9d82f109e7d95b9de')
```

```
  }
```

```
}
```

```
db.pr10.insert({roll:2,name:"kirti",subject:"CNS",marks:85})
```

```
{
```

```
  acknowledged: true,
```

```
  insertedIds: {
```

```
    '0': ObjectId('6718adc2d82f109e7d95b9df')
```

```
  }
```

```
}
```

```
db.pr10.insert({roll:3,name:"sejal",subject:"SPM",marks:86})
```

```
{
```

```
  acknowledged: true,
```

```
  insertedIds: {
```

```
    '0': ObjectId('6718addcd82f109e7d95b9e0')
```

```
  }
```

```
}
```

```
db.pr10.aggregate([{$group:{_id:"$subject",marks:{$min:"$marks"}}}]);
```

```

{
  _id: 'SPM',
  marks: 86
}
{
  _id: 'CNS',
  marks: 85
}
{
  _id: 'DBMS',
  marks: 80
}
db.pr10.aggregate([{$group: {_id: "$subject", marks: {$max: "$marks"}}}]);
{
  _id: 'DBMS',
  marks: 80
}
{
  _id: 'CNS',
  marks: 85
}
{
  _id: 'SPM',
  marks: 86
}
db.pr10.aggregate([{$group: {_id: "$subject", marks: {$avg: "$marks"}}}]);
{

```

```
_id: 'DBMS',
marks: 80
}
{
  _id: 'CNS',
marks: 85
}
{
  _id: 'SPM',
marks: 86
}
db.pr10.aggregate([{$group: {_id: "$subject", marks: {$first: "$marks"}}}]);
{
  _id: 'DBMS',
marks: 80
}
{
  _id: 'CNS',
marks: 85
}
{
  _id: 'SPM',
marks: 86
}
```