

Prakhar Saxena

A6

// Q1

```
db.emp.insert({
  ssn: "123-22-3666",
  name: "Attishoo",
  rating: 8,
  wages: 10,
  hours: 40
})
```

```
db.emp.insert({
  ssn: "231-31-5368",
  name: "Smiley",
  rating: 8,
  wages: 10,
  hours: 30
})
```

```
db.emp.insert({
  ssn: "131-24-3650",
  name: "Smethurst",
  rating: 5,
  wages: 7,
  hours: 30
})
```

```
db.emp.insert({
  ssn: "434-26-3751",
  name: "Guldu",
  rating: 5,
```

```
        wages: 7,
        hours: 32
    })
    db.emp.insert({
        ssn: "612-67-4134",
        name: "Madayan",
        rating: 8,
        wages: 10,
        hours: 40
    })
```

```
// Q2
```

```
db.emp.find( { rating: 5 } ).pretty()
```

```
// Q3
```

```
db.emp.find( {rating: 5 }, { name: 1, _id: 0 } )
```

```
// Q4
```

```
db.emp.find( { $and: [ { rating: 8 }, { hours: 40 } ] } )
```

```
// Q5
```

```
db.emp.aggregate(
    [
```

```
{
  $group:
  {
    _id: "$rating",
    minQuantity: { $min: "$hours" }
  }
}
]
```

// Q6

```
db.createCollection("wages")
db.wages.insert({
  _id: 8,
  wages: 10
})
db.createCollection("wages")
db.wages.insert({
  _id: 5,
  wages: 7
})
db.wages.find().pretty()
```

// Q7

```
db.createCollection("emp2")
db.emp2.insert({
  ssn: "123-22-3666",
```

```
        name: "Attishoo",
        rating: 8,
        hours: 40
    })
    db.emp2.insert({
        ssn: "231-31-5368",
        name: "Smiley",
        rating: 8,
        hours: 30
    })
    db.emp2.insert({
        ssn: "131-24-3650",
        name: "Smethurst",
        rating: 5,
        hours: 30
    })
    db.emp2.insert({
        ssn: "434-26-3751",
        name: "Guldu",
        rating: 5,
        hours: 32
    })
    db.emp2.insert({
        ssn: "612-67-4134",
        name: "Madayan",
        rating: 8,
        hours: 40
    })
    db.emp2.find().pretty()
```

```
// Q8
```

```
db.emp2.find({}, {_id: 0}).sort({name: 1})
```

```
db.wages.find({}, {_id: 0}).sort({_id:-1})
```

```
// Q9
```

```
db.wages.find({}, {_id: 0}).sort({_id:-1})
```

```
// Q10
```