Practical No. 10

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ROLL NO-05

DIV-A

BATCH-A31

Aggregate Function

1) Sum

-> db.customer.aggregate([{ $group : { _id: null, totalMarks: {$sum : "$marks"} } }])

O/P : [{ _id: null, totalMarks: 362 }]

2) AVG

-> db.customer.aggregate([{ $group : { _id: null, avgMarks: {$avg : "$marks"} } }])

O/P : [{ _id: null, avgMarks: 90.5 }]

3) MIN

-> db.customer.aggregate([{ $group : { _id: null, minMarks: {$min : "$marks"} } }])

O/P : [{ _id: null, minMarks: 85 }]

4) MAX

-> db.customer.aggregate([{ $group : { _id: null, maxMarks: {$max : "$marks"} } }])

O/P : [{ _id: null, maxMarks: 98 }]

5) count

-> db.customer.aggregate([{ $group : { _id: null, countMarks: {$count : "$marks"} } }])

O/P : [{ _id: null, countMarks: 4 }]

Indexing

1) To Create Index

-> db.customer.createIndex({"marks" : 1})

2) To See Indexes

-> db.customer.getIndexes()