storage option of 512GBdb.products.find({

\$and: [

```
{ color: { $ne: "gold" } },
 {
   $or: [
   { price: { $lt: 700 } },
   { storage: "512GB" }
  ]
  }
]
})
Q6:. Find products that have both a RAM size greater than 8GB and a CPU speed less
than 2 GHz, or do not have a storage option of 256GBdb.products.find({
$or: [
 {
  $and: [
   { ram: { $gt: 8 } },
   { cpu_speed: { $lt: 2 } }
  ]
  },
 { storage: { $ne: "256GB" } }
]
})
Q7: Write a query to find a product whose cpu is not greater than or equal to 2 without
using "$gte","$lte","$lt"($not) db.products.find({
$not: {
  $or: [
  {cpu:{$eq:2}},
  { cpu: { $gt: 2 } }
 ]
}
```

```
})
Q8: Find products by the same brand as "SmartTablet" released after 2021 with a price
less than 700db.products.find({
brand: { $eq: "SmartTablet" },
release_year: { $gt: 2021 },
price: { $lt: 700 }
})
Q9: Find product where price between 400 amd 900 or ram as 4 units
2db.products.find({
$or: [
 { price: { $gte: 400, $lte: 900 } },
 { ram: 4 }
]
})
Q10: Find product where price is not 699 and ram between 4 and 8 or storage is
16db.products.find({
$or: [
 {
   price: { $ne: 699 },
  ram: { $gte: 4, $lte: 8 }
 },
 { storage: 16 }
]
})
Q11: Find product name where price does not exist and screen is less than
10db.products.find({
price: { $exists: false },
screen_size: { $lt: 10 }
}, { name: 1 })
```

```
Q12: select phone with screen size not greater than 9.5 and ram not in
4,8db.products.find({
type: "phone",
screen_size: { $lte: 9.5 },
ram: { $nin: [4, 8] }
})
Q13: elect products with cpu power not less than 2.66 nor more than 3.66
db.products.find({
cpu_power: { $gte: 2.66, $lte: 3.66 }
})
Q14: select products with either white colour and storage not less than 128
db.products.find({
$or: [
 { color: "white" },
 { storage: { $gte: 128 } }
]
})
Q15: select products with either blue colour and storage not less than 128
db.products.find({
$or: [
 { color: "blue" },
 { storage: { $gte: 128 } }
]
})
```