Question 1 :

Insert the given by using db.product.insertOne()

Question 2:

Insert the given by using db.details.insertOne()

Question 3:

db.product.find({})

{"\_id": "p01", "type": "audio album", "title": "bergmans volume15",

"description": "by fr bergman

s", "release\_date" : "2020-02-15", "shipping" : "weights": 6, "dimensions":

{"width": 10, "heigh t": 10, "depth": 1 } }, "pricing":{"list": 1200, "retail" : 1108,

"savings" : 100, "percentage\_s avings: 8), "details" : { "title": "jeba thotta jeya

geethangal", "artist" : "fr bergmans", "genre :["folk", "spiritual" ], "tracks" : [

"song1", "song2", "song3", "song4" 1}} {"\_id": "p82", "type": "movie", "title":

"master", "description": "movie by actor vijay", "releas e\_date":"2020-03-14",

"shipping" : { "weight": 10, "dimensions": {"width": 28, "height": 10, "d

epth":2}}, "pricing" : { "list": 15000, "retail" : 14000, "savings": 500,

"percentage\_savings": 12 }, "details": { "title": "master", "director" : [ "rex",

"peter" ], "writer": [ "sam", "jones" 1, "length": "3 hours" } }

Question 4:

db.product.find({"pricing.percentage\_savings": { $gt: 10 }}).sort({

"pricing.percentage\_savings": -1}

[3:18 pm, 07/10/2023] Nivashini: {"\_id" : "p02", "type": "movie", "title": "master", "description": "movie by act

or vijay", "release\_date" : "2020-03-14", "shipping" : { "weight": 10,

"dimensions" : { "width": 20, "height": 10, "depth": 2 } }, "pricing": { "list":

15000, "re tail": 14000, "savings": 500, "percentage\_savings" : 12 }, "details" : {

"title": "master", "director" : [ "rex", "peter" ], "writer": [ "sam", "jones" ],

"length" : "3 hours" } }

Question 5:

db.product.find({ "type": "audio album", "details.genre": "folk"}).sort({

"release\_date": -1})

{"\_id" : "p01", "type": "audio album", "title": "bergmans volume15", "descri

ption": "by fr bergmans", "release\_date" : "2020-02-15", "shipping" : { "weigh

ts": 6, "dimensions" : { "width": 10, "height": 10, "depth": 1}}, "pricin g":{"list":

1200, "retail": 1100, "savings" : 100, "percentage\_savings" : 8}, "details" : {

"title": "jeba thotta jeya geethangal", "artist" : "fr berg mans", "genre": [ "folk",

"spiritual" ], "tracks": [ "song1", "song2", "song3 "song4" ]}}

Question 6 :

db.product.find({ "type": "movie", "description": /actor vijay/i}).sort({

"release\_date": 1})

{"\_id":"pe2", "type": "movie", "title": "master", "description": "movie by actor

vijay", "release\_date" 2020-03-14", "shipping" : "weight": 10, "dimensions":

{"width": 20, "height": 10, "depth":2}}," pricing": "list": 15000, "retail": 14000,

"savings": 500, "percentage savings" : 12 }, "details":{"ti tle":"master",

"director" I "rex", "peter" ], "writer": [ "sam", "jones" ], "length": "3 hours" } }

Question 7 :

db.product.find({ "type": "movie", "title": { $regex: /master/i }})

{"\_id": "p82", "type": "movie", "title": "master", "description": "movie by actor

vijay". "release\_date" : "2020-03-14", "shipping" : { "weight": 10, "dimensions":

{"width": 20, "he ight": 10, "depth": 2 } }, "pricing" : { "list": 15000, "retail" :

14000, "savings": 500, " percentage\_savings" : 12 }, "details" : { "title": "master", "director" : "rex", "peter" ], "writer": [ "sam", "jones" ], "length": "3 hours"}}