**DB LAB**

**Hiba zubair**

**K181361**

**Task 1:**

DATABASE SCHEME: “PRODUCT CATALOG MODULE”

Product 1 (product1\_id, type, title, description)

Shipping (product\_id, product\_weight, dimension, width, height, depth)

Pricing (product\_id, price, retail, savings, discount\_amount)

Details (product\_id, manufacture\_date, product\_type)

**Task 2:**

use productcatalog

db.product.insertMany([

{ "Type":"Book" ,"title":"Harry Potter sorcerer's stone " ,"Description":"Part one" , "Shipping":{

"Weight": 1,

"Dimension": 3,

"Width": 3,

"Height": 2,

"Depth": 1

} ,

"Pricing":{

"Price": 700,

"Retail":750,

"Savings":50 ,

"Discount":0 },

"Details":{

"ProductBy": "JK Rowling",

"ManufactureDate":new Date("2001-10-1") }

},

{ "Type":"Book" ,"title":" Harry Potter chamber of secrets " ,"Description":"Part two" , "Shipping":{

"Weight": 1,

"Dimension": 3,

"Width": 3,

"Height": 2,

"Depth": 1

} ,

"Pricing":{

"Price": 1500,

"Retail": 1550,

"Savings": 50,

"Discount": 1 },

"Details":{

"ProductBy": "JK Rowling",

"ManufactureDate":new Date("2001-10-20") }

},

{ "Type":"Book" ,"title":" Harry Potter prisoner of azkaban " ,"Description":"Part three" , "Shipping":{

"Weight": 1,

"Dimension": 3,

"Width": 3,

"Height": 2,

"Depth": 1

} ,

"Pricing":{

"Price": 2000,

"Retail": 2500,

"Savings": 500,

"Discount": 3 },

"Details":{

"ProductBy": "JK Rowling",

"ManufactureDate":new Date("2010-05-04") }

},

{ "Type":"Book" ,"title":"Harry Potter and the goblet of fire" ,"Description":"Part four" , "Shipping":{

"Weight": 2,

"Dimension": 3,

"Width": 3,

"Height": 2,

"Depth": 1

} ,

"Pricing":{

"Price": 7,

"Retail": 10,

"Savings":3,

"Discount": 26 },

"Details":{

"ProductBy":"JK Rowling" ,

"ManufactureDate":new Date("2003-08-24") }

},

{ "Type":"DVD" ,"title":"Inception" ,"Description":"Suspense,mind bending" , "Shipping":{

"Weight": 2,

"Dimension": 2,

"Width": 8,

"Height": 10,

"Depth": 2

} ,

"Pricing":{

"Price": 700,

"Retail": 750,

"Savings": 50,

"Discount": 30 },

"Details":{

"ProductBy":"Christopher Nolan" ,

"ManufactureDate":new Date("2019-10-03") }

},

{ "Type":"DVD" ,"title":"Hera pheri" ,"Description":"comedy" , "Shipping":{

"Weight": 5,

"Dimension": 2,

"Width": 2,

"Height": 8,

"Depth": 1

} ,

"Pricing":{

"Price": 4500,

"Retail": 4250,

"Savings": 250,

"Discount": 25 },

"Details":{

"ProductBy":"Babu Rao" ,

"ManufactureDate":new Date("2010-03-10") }

},

{ "Type":"DVD" ,"title":"Seven" ,"Description":"Mind bending" , "Shipping":{

"Weight": 5,

"Dimension": 2,

"Width": 2,

"Height": 1,

"Depth": 2

} ,

"Pricing":{

"Price": 3000,

"Retail": 3000,

"Savings": 0,

"Discount": 0 },

"Details":{

"ProductBy":"Brad pitt" ,

"ManufactureDate":new Date("2000-05-25") }

},

{ "Type":"PC" ,"title":"i7" ,"Description":"Dell" , "Shipping":{

"Weight": 2,

"Dimension": 3,

"Width": 45,

"Height": 30,

"Depth": 0

} ,

"Pricing":{

"Price": 600000,

"Retail": 650000,

"Savings": 50000,

"Discount": 30 },

"Details":{

"ProductBy":"Mark zuckerburg" ,

"ManufactureDate":new Date("2007-06-14") }

},

{ "Type":"PC" ,"title":"i5" ,"Description":"lenovo" , "Shipping":{

"Weight": 1800,

"Dimension": 200,

"Width": 300,

"Height": 400,

"Depth": 100

} ,

"Pricing":{

"Price": 800000,

"Retail": 810000,

"Savings": 10000,

"Discount": 0 },

"Details":{

"ProductBy":"bill gates" ,

"ManufactureDate":new Date("2000-02-12") }

},

{ "Type":"Car" ,"title":"Toyota" ,"Description":"Civic" , "Shipping":{

"Weight": 2000,

"Dimension": 500,

"Width": 400,

"Height": 300,

"Depth": 200

} ,

"Pricing":{

"Price": 1500000,

"Retail": 1400000,

"Savings": 100000,

"Discount": 30 },

"Details":{

"ProductBy":"Toyota" ,

"ManufactureDate":new Date("2015-11-19") }

}

])