**1.**
db.restaurants.find({}, {name:1, _id:0})
{ "name" : "Wendy'S" }
{ "name" : "Tov Kosher Kitchen" }
{ "name" : "Brunos On The Boulevard" }
{ "name" : "Regina Caterers" }
{ "name" : "Dj Reynolds Pub And Restaurant" }
{ "name" : "Taste The Tropics Ice Cream" }
{ "name" : "C & C Catering Service" }
{ "name" : "May May Kitchen" }
{ "name" : "Wild Asia" }
{ "name" : "1 East 66Th Street Kitchen" }
{ "name" : "Carvel Ice Cream" }
{ "name" : "Seuda Foods" }
{ "name" : "Carvel Ice Cream" }
{ "name" : "Kosher Island" }
{ "name" : "Nordic Delicacies" }
{ "name" : "Bully'S Deli" }
{ "name" : "Sal'S Deli" }
{ "name" : "Morris Park Bake Shop" }
{ "name" : "The Movable Feast" }
{ "name" : "Glorious Food" }

**2.**
db.restaurants.find({}, {restaurant_id:1,name:1,cuisine:1, _id:0})
{ "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant_id" : "30112340" }
{ "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
{ "cuisine" : "American", "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
{ "cuisine" : "American", "name" : "Regina Caterers", "restaurant_id" : "40356649" }
{ "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
{ "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
{ "cuisine" : "American", "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
{ "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant_id" : "40358429" }
{ "cuisine" : "American", "name" : "Wild Asia", "restaurant_id" : "40357217" }
{ "cuisine" : "American", "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }
{ "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }
{ "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant_id" : "40360045" }
{ "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }
{ "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant_id" : "40356442" }
{ "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
{ "cuisine" : "Delicatessen", "name" : "Bully'S Deli", "restaurant_id" : "40361708" }
{ "cuisine" : "Delicatessen", "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
{ "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{ "cuisine" : "American", "name" : "The Movable Feast", "restaurant_id" : "40361606" }
{ "cuisine" : "American", "name" : "Glorious Food", "restaurant_id" : "40361521" }

**3.**
db.restaurants.find({"borough":"Manhattan"},{name:1,_id:0})
{ "name" : "Dj Reynolds Pub And Restaurant" }
{ "name" : "1 East 66Th Street Kitchen" }
{ "name" : "Bully'S Deli" }
{ "name" : "Glorious Food" }
{ "name" : "P & S Deli Grocery" }
{ "name" : "Harriet'S Kitchen" }
{ "name" : "Angelika Film Center" }
{ "name" : "The Country Cafe" }
{ "name" : "Cafe Metro" }
{ "name" : "Olive'S" }
{ "name" : "Lexler Deli" }
{ "name" : "Domino'S Pizza" }
{ "name" : "Berkely" }
{ "name" : "Lorenzo & Maria'S" }
{ "name" : "Downtown Deli" }
{ "name" : "Spoon Bread Catering" }
{ "name" : "Domino'S Pizza" }
{ "name" : "Texas Rotisserie" }
{ "name" : "21 Club" }
{ "name" : "Metropolitan Club" }

**4.**
db.restaurants.find({"borough":"Manhattan","cuisine":"Bakery"},{name:1,_id:0})
{ "name" : "Olive'S" }
{ "name" : "De Robertis Pastry Shop" }
{ "name" : "Little Pie Company" }
{ "name" : "H & H Midtown Bagels East" }
{ "name" : "Fay Da Bakery" }
{ "name" : "Caffe Roma" }
{ "name" : "Tai Pan Bakery" }
{ "name" : "Glaser'S Bakery" }
{ "name" : "La Delice Pastry Shop" }
{ "name" : "Lung Moon Bakery" }
{ "name" : "Capri Bakery" }
{ "name" : "Manna House" }
{ "name" : "Amy'S Bread" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Amy'S Bread" }
{ "name" : "Chiu Hong Bakery" }
{ "name" : "Levain Bakery" }
{ "name" : "Sweet Chef Southern Styles Bakery" }
{ "name" : "Balthazar Bakery" }

**5.**
db.restaurants.find({$or:[{"borough":"Manhattan"},{"borough":"Bronx"}]},
{name:1,borough:1,_id:0})
{ "borough" : "Manhattan", "name" : "Dj Reynolds Pub And Restaurant" }
{ "borough" : "Bronx", "name" : "Wild Asia" }
{ "borough" : "Manhattan", "name" : "1 East 66Th Street Kitchen" }
{ "borough" : "Manhattan", "name" : "Bully'S Deli" }
{ "borough" : "Bronx", "name" : "Morris Park Bake Shop" }
{ "borough" : "Manhattan", "name" : "Glorious Food" }
{ "borough" : "Manhattan", "name" : "P & S Deli Grocery" }
{ "borough" : "Manhattan", "name" : "Harriet'S Kitchen" }
{ "borough" : "Manhattan", "name" : "Angelika Film Center" }
{ "borough" : "Manhattan", "name" : "The Country Cafe" }
{ "borough" : "Bronx", "name" : "Carvel Ice Cream" }
{ "borough" : "Manhattan", "name" : "Cafe Metro" }
{ "borough" : "Manhattan", "name" : "Olive'S" }
{ "borough" : "Bronx", "name" : "Happy Garden" }
{ "borough" : "Manhattan", "name" : "Lexler Deli" }
{ "borough" : "Manhattan", "name" : "Domino'S Pizza" }
{ "borough" : "Manhattan", "name" : "Berkely" }
{ "borough" : "Manhattan", "name" : "Lorenzo & Maria'S" }
{ "borough" : "Manhattan", "name" : "Downtown Deli" }
{ "borough" : "Manhattan", "name" : "Spoon Bread Catering" }

**6.**
db.restaurants.find({$or:[{"borough":"Manhattan"},{"borough":"Bronx"}],"cuisine":"Bakery"},
{cuisine:1,borough:1,name:1,_id:0})
{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "De Robertis Pastry Shop" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Little Pie Company" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "H & H Midtown Bagels East" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Fay Da Bakery" }
{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "E & L Bakery & Coffee Shop" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Caffe Roma" }
{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Zaro'S Bread Basket" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Tai Pan Bakery" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Glaser'S Bakery" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "La Delice Pastry Shop" }
{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Champion Bakery" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Lung Moon Bakery" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Capri Bakery" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Manna House" }
{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Biarritz Bakery" }
{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Franco Bakery" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Amy'S Bread" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Zaro'S Bread Basket" }

**7.**

db.restaurants.find({"borough":"Bronx"},{name:1,_id:0}).sort({"name":-1})
{ "name" : "Zymi Bar & Grill" }
{ "name" : "Zoodo" }
{ "name" : "Zone Culinaire" }
{ "name" : "Zime Bistro" }
{ "name" : "Zhang'S China Palace" }
{ "name" : "Zero Otto Nove Trattoria" }
{ "name" : "Zerega Avenue Deli" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Yung Hsin Restaurant" }
{ "name" : "Yummy House" }
{ "name" : "Your Daley Bread" }
{ "name" : "Yolanda Pizzeria Restaurant" }
{ "name" : "Yokohama Japanese Restaurant" }
{ "name" : "Yo Angel Bakery" }
{ "name" : "Yankees Clubhouse Kitchen" }
{ "name" : "Yankee Tavern" }
{ "name" : "Yankee Jz Pizza" }
{ "name" : "Yankee Bar & Grill" }
{ "name" : "Yang'S Happy Garden" }
{ "name" : "Yang'S Good Taste" }

**8.**

db.restaurants.find({$and:[{"borough":"Bronx"},{"address.zipcode":"10462"}]},{name:1,_id:0})
{ "name" : "Morris Park Bake Shop" }
{ "name" : "The New Starling Athletic Club Of The Bronx" }
{ "name" : "Lulu'S Coffee Shop" }
{ "name" : "Bronx Grill" }
{ "name" : "Sabrosura Restaurant" }
{ "name" : "John & Joe Pizzeria & Restaurant" }
{ "name" : "Castlehill Diner" }
{ "name" : "Venice Pizza" }
{ "name" : "Wendy'S" }
{ "name" : "The Pizza Place" }
{ "name" : "Chick-N-Ribs" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Celeste'S Snack Bar" }
{ "name" : "Mcdonald'S" }
{ "name" : "Park Billiards" }
{ "name" : "Mcdonald'S" }
{ "name" : "Carvel Ice Cream" }
{ "name" : "Archer Sports Bar" }
{ "name" : "Pizza Express" }
{ "name" : "Johnny'S O'S" }

**9.**

All fields of the restaurants that have at least one grades.score value more than 30.

**10.**
db.restaurants.aggregate([
... {$match:{"cuisine":"Pizza"}},
... {$group:{
... _id:"$borough",max_score:{$max:{$max:"$grades.score"}}
... }}
... ])
{ "_id" : "Brooklyn", "max_score" : 77 }
{ "_id" : "Queens", "max_score" : 59 }
{ "_id" : "Staten Island", "max_score" : 46 }
{ "_id" : "Manhattan", "max_score" : 79 }
{ "_id" : "Bronx", "max_score" : 52 }
{ "_id" : "Missing", "max_score" : 12 }
Max score pizza cuisine in each borough.