db.ships.insertMany([

{ \_id : "b1" , NameShip : "Alice", Type : "Seiner", Draught: 186, BuildDate : "20-09-2010"},

{\_id:"b2",NameShip: "Kate", Type: "Seiner", Draught: 140, BuildDate : "13-08-2012"},

{\_id:"b3",NameShip: "Lene", Type: "Drifter", Draught: 160, BuildDate : "23-06-2012"},

{\_id:"b4",NameShip: "Doctor-Professor Schwarzenholt", Type: "Trawler", Draught: 1980, BuildDate : "09-11-2015"},

{\_id:"b5",NameShip: "Transylvania", Type: "Trawler", Draught: 1021, BuildDate : "13-10-2016"}

]);

db.persons.insertMany([

{\_id:"p1", Surname: "Smith", FirstName : "John", Age: 23, Address : "Russian Federation, Vladivostok, Ulitsa Lugovaya, 54" },

{\_id:"p2", Surname: "Lee", FirstNamne : "Max", Age: 29, Address : "Russian Federation, Vladivostok, Ulitsa Rudneva, 1" },

{\_id:"p3", Surname: "Horn", FirstName :"Konstantain", Age: 32, Address : "Russian Federation, Vladivostok, Okeanskiy Prospekt, 100" },

{\_id:"p4", Surname: "Miller", FirstName :"Pierre", Age: 31, Address : "Russian Federation, Vladivostok, Okeanskiy Prospekt, 100" },

{\_id:"p5", Surname: "Nay", FirstName :"George", Age: 30, Address : "Russian Federation, Vladivostok, Okeanskiy Prospekt, 101a" },

{\_id:"p6", Surname: "Murat", FirstName :"Keanu", Age: 27, Address : "Russian Federation, Vladivostok, Okeanskiy Prospekt, 101a" },

{\_id:"p7", Surname: "Nelson", FirstName :"Horatio", Age: 20, Address : "Russian Federation, Vladivostok, Mariny Raskovoy Ulitsa, 5" },

{\_id:"p8", Surname: "Truman", FirstName :"Sam", Age: 25, Address : "Russian Federation, Vladivostok, Mariny Raskovoy Ulitsa, 5" },

{\_id:"p9", Surname: "Freeman", FirstName :"Gordon", Age: 39, Address : "Russian Federation, Vladivostok, Ulitsa Belyayeva, 4" },

{\_id:"p10", Surname: "Harkonnen", FirstName :"Vladimir", Age: 35, Address : "Russian Federation, Vladivostok, Ulitsa Belyayeva, 4" }

]);

db.fishes.insertMany([

{\_id:"f1", name:"salmon"},

{\_id:"f2", name:"cod"},

{\_id:"f3", name:"pike"},

{\_id:"f4", name:"carp"},

{\_id:"f5", name:"perch"}

]);

db.shoals.insertMany([

{\_id:"sh1", latitude: "42 47 07.4 N", longitude: "131 43 28.6 E"},

{\_id:"sh2", latitude: "42 52 52.9 N", longitude: "131 53 09.7 E"},

{\_id:"sh3", latitude: "43 01 22.5 N", longitude: "131 43 33.1 E"},

{\_id:"sh4", latitude: "43 04 58.5 N", longitude: "131 38 17.1 E"},

{\_id:"sh5", latitude: "43 09 50.1 N", longitude: "131 42 07.8 E"}

]);

db.sailings.insertMany([

{\_id : "s1" , ship : "b1", DateOut : "01-08-2020", DateIn : "04-08-2020", Fish : [{id\_f : "f1", weight:97, quality: "mean"},{ id\_f : "f2", weight:150, quality: "mean"}], Crew : [{id\_p : "p9", post : "captain"},{id\_p : "p10", post : "chief officer"},{ id\_p : "p1", post : "sailor"}]},

{\_id : "s2" , ship : "b2", DateOut : "03-08-2020", DateIn : "05-08-2020", Fish : [{id\_f : "f3", weight:200, quality: "bad"}], Crew : [{id\_p : "p3", post : "captain"},{id\_p : "p4", post : "chief officer"},{ id\_p : "p2", post : "sailor"}]},

{\_id : "s3" , ship : "b3", DateOut : "06-08-2020", DateIn : "08-08-2020", Fish : [{id\_f : "f5", weight:178, quality: "good"}], Crew : [{id\_p : "p6", post : "captain"},{id\_p : "p8", post : "chief officer"},{ id\_p : "p7", post : "sailor"}]},

{\_id : "s4" , ship : "b4", DateOut : "10-08-2020", DateIn : "20-08-2020", Fish : [{id\_f : "f1", weight:150, quality: "good"},{ id\_f : "f2", weight:250, quality: "bad"},{ id\_f : "f3", weight:290, quality: "mean"}], Crew : [{id\_p : "p9", post : "captain"},{id\_p : "p10", post : "chief officer"},{id\_p : "p3", post : " boatswain "},{ id\_p : "p1", post : "sailor"},{ id\_p : "p2", post : "sailor"}]},

{\_id : "s5" , ship : "b5", DateOut : "17-08-2020", DateIn : "25-08-2020", Fish : [{id\_f : "f1", weight:250, quality: "mean"},{ id\_f : "f5", weight:290, quality: "mean"}], Crew : [{id\_p : "p4", post : "captain"},{id\_p : "p6", post : "chief officer"},{id\_p : "p8", post : " boatswain "},{ id\_p : "p7", post : "sailor"}]},

{\_id : "s6" , ship : "b1", DateOut : "24-08-2020", DateIn : "28-08-2020", Fish : [{id\_f : "f1", weight:250, quality: "good"}], Crew : [{id\_p : "p10", post : "captain"},{id\_p : "p9", post : "chief officer"},{ id\_p : "p2", post : "sailor"}]},

{\_id : "s7" , ship : "b1", DateOut : "01-09-2020", DateIn : "03-09-2020", Fish : [{ id\_f : "f3", weight:150, quality: "mean"}], Crew : [{id\_p : "p9", post : "captain"},{id\_p : "p4", post : "chief officer"},{ id\_p : "p7", post : "sailor"}]},

{\_id : "s8" , ship : "b2", DateOut : "02-09-2020", DateIn : "06-09-2020", Fish : [{ id\_f : "f5", weight:135, quality: "bad"}], Crew : [{id\_p : "p3", post : "captain"},{id\_p : "p10", post : "chief officer"},{ id\_p : "p1", post : "sailor"}]},

{\_id : "s9" , ship : "b5", DateOut : "08-09-2020", DateIn : "12-09-2020", Fish : [{id\_f : "f2", weight:140, quality: "good"},{ id\_f : "f5", weight:190, quality: "mean"}], Crew : [{id\_p : "p4", post : "captain"},{id\_p : "p6", post : "chief officer"},{id\_p : "p8", post : " boatswain "},{ id\_p : "p7", post : "sailor"}]},

{\_id : "s10" , ship : "b3", DateOut : "14-09-2020", DateIn : "19-09-2020", Fish : [{ id\_f : "f1", weight:195, quality: "good"}], Crew : [{id\_p : "p6", post : "captain"},{id\_p : "p8", post : "chief officer"},{ id\_p : "p7", post : "sailor"}]}

]);

db.visitedShoals.insertMany([{ \_id: "vsh1", id\_s: "s1", id\_shs : ["sh1","sh2"]},

{ \_id: "vsh2", id\_s: "s2", id\_shs : ["sh3"]},

{ \_id: "vsh3", id\_s: "s3", id\_shs : ["sh4","sh5"]},

{ \_id: "vsh4", id\_s: "s4", id\_shs : ["sh1","sh3","sh4","sh5"]},

{ \_id: "vsh5", id\_s: "s5", id\_shs : ["sh1","sh2"]},

{ \_id: "vsh6", id\_s: "s6", id\_shs : ["sh1","sh5"]},

{ \_id: "vsh7", id\_s: "s7", id\_shs : ["sh4"]},

{ \_id: "vsh8", id\_s: "s8", id\_shs : ["sh3"]},

{ \_id: "vsh9", id\_s: "s9", id\_shs : ["sh1","sh2","sh5"]},

{ \_id: "vsh10", id\_s: "s10", id\_shs : ["sh4"]}

]);