// 1. Switch to or create the "employee" database

use employee;

// 2. Create the "computer" collection and insert sample data

db.computer.insertMany([

{ empId: 1, name: "Alice", position: "Developer", salary: 5000 },

{ empId: 2, name: "Bob", position: "Designer", salary: 4500 },

{ empId: 3, name: "Charlie", position: "Developer", salary: 5200 },

{ empId: 4, name: "David", position: "Manager", salary: 7000 },

{ empId: 5, name: "Eve", position: "Analyst", salary: 4800 }

]);

// 3. Define the map function to emit "total" as the key and "salary" as the value

var mapFunction = function() {

emit("total", this.salary);

};

// 4. Define the reduce function to sum the salaries associated with the "total" key

var reduceFunction = function(key, values) {

return Array.sum(values);

};

// 5. Execute the map-reduce operation on the "computer" collection

db.computer.mapReduce(

mapFunction,

reduceFunction,

{

out: "salary\_totals" // Output collection for results

}

);

// 6. Display the results from the output collection

db.salary\_totals.find();