

JavaScript Task 09

Q.no-01 Write a JavaScript program to insert 10 books (title, author, price) records in an array of JavaScript objects and find the book with the highest price and shortest title.

Q.no-02 A car showroom has 20 cars of different model and colors. Write JavaScript program to store the records (make, model, color) in array of object. Design a search system to know the color, model and make of any car. Write code to change the color of cars having "black" color. Govt. want to collect of 10% tax on those vehicles having make after 2015. Implement the tax and show the list of those vehicles on which tax has been applied.

Q.no-03 A class has ID, number of students and a teacher to teach them. Make a dynamic system to Insert 10 class record using array of objects. Each class has maximum of 50 students. Write code to implement an admission system for new students in any class if maximum students if limit not reached otherwise show message "Maximum limit reached. Come next year".

Q.no-04 Implement a multiple-choice question system for an institute. Each question must have 4 options to choose. When one option is chosen, there is no permission to change the answer for that question. At the end of Quiz, show a button to show the result in following way. If obtained marks are greater than half of the original, show a popup message "Success!! You have passed the exam" otherwise show "Oops!! You are Failed. Better Luck next time message".

Total Questions:20

Attempted:15

Not Attempted:05

Correct:10

Wrong:05

Marks:05