// Store correct password in a variable

var correctPassword = "SecretPassword";

// Ask user to enter their password

var enteredPassword = prompt("Please enter your password:");

// Validate the two passwords

if (!enteredPassword) {

// Check if user has entered a password

alert("Please enter your password");

} else if (enteredPassword === correctPassword) {

// Check if both passwords are the same

alert("Correct! The password you entered matches the original password.");

} else {

// Incorrect password

alert("Incorrect password");}

var greeting;

var hour = 13;

if (hour < 18) {

greeting = "Good day";

} else {

greeting = "Good evening";

}

Var emptyArrayLiteral = [];

Var emptyArrayObject = new Array();

Var stringsArray = [“apple”, “banana”, “cherry”];

Var numbersArray = [1, 2, 3, 4, 5];

Var booleanArray = [true, false, true];

Var mixedArray = [“apple”, 1, true];

Var educationQualifications = [“SSC”, “HSC”, “BCS”, “BS”, “BCOM”, “MS”, “M. Phil.”, “PhD”];

Var colorArray = [“red”, “green”, “blue”];

Document.write(colorArray);

Var colorToAddEnd = prompt(“Enter a color to add to the end of the array:”);

colorArray.push(colorToAddEnd);

document.write(colorArray);

colorArray.unshift(“yellow”, “orange”);

document.write(colorArray);

colorArray.shift();

document.write(colorArray);

colorArray.pop();

document.write(colorArray);

var indexToAdd = prompt(“Enter the index where you want to add a color:”);

var colorToAddIndex = prompt(“Enter the color to add at index “ + indexToAdd + “:”);

colorArray.splice(indexToAdd, 0, colorToAddIndex);

document.write(colorArray);

var indexToDelete = prompt(“Enter the index from which you want to delete color(s):”);

var deleteCount = prompt(“Enter how many colors you want to delete from index “ + indexToDelete + “:”);

colorArray.splice(indexToDelete, deleteCount);

document.write(colorArray);

var studentScores = [90, 75, 80, 95, 85];

studentScores.sort(function(a, b) {

return a – b;

});

Console.log(studentScores);

Var phoneManufacturers = [“Apple”, “Samsung”, “Motorola”, “Nokia”, “Sony”, “Haier”];

Document.write(“<select>”);

For (var i = 0; i < phoneManufacturers.length; i++) {

Document.write(“<option>” + phoneManufacturers[i] + “</option>”);

}

Document.write(“</select>”);

Var tableNumber = parseInt(prompt(“Enter the number for multiplication table:”));

Var tableLength = parseInt(prompt(“Enter the length of the table:”));

Document.write(“<h2>Multiplication Table of “ + tableNumber + “</h2>”);

For (var i = 1; i <= tableLength; i++) {

Document.write(tableNumber + “ x “ + i + “ = “ + (tableNumber \* i) + “<br>”);

}

// Counting: 1 to 15

Document.write(“<b>Counting:</b> “);

For (var i = 1; i <= 15; i++) {

Document.write(i + “, “);

}

// Reverse counting: 10 to 1

Document.write(“<br><b>Reverse counting:</b> “);

For (var j = 10; j >= 1; j--) {

Document.write(j + “, “);

}

// Even: 0 to 20

Document.write(“<br><b>Even:</b> “);

For (var k = 0; k <= 20; k += 2) {

Document.write(k + “, “);

}

// Odd: 1 to 19

Document.write(“<br><b>Odd:</b> “);

For (var l = 1; l <= 19; l += 2) {

Document.write(l + “, “);

}

// Series: 2k to 20k

Document.write(“<br><b>Series:</b> “);

For (var m = 2; m <= 20; m += 2) {

Document.write(m + “k, “);

}

// Counting: 1 to 15

Document.write(“<b>Counting:</b> “);

For (var i = 1; i <= 15; i++) {

Document.write(i + “, “);

}

// Reverse counting: 10 to 1

Document.write(“<br><b>Reverse counting:</b> “);

For (var j = 10; j >= 1; j--) {

Document.write(j + “, “);

}

// Even: 0 to 20

Document.write(“<br><b>Even:</b> “);

For (var k = 0; k <= 20; k += 2) {

Document.write(k + “, “);

}

// Odd: 1 to 19

Document.write(“<br><b>Odd:</b> “);

For (var l = 1; l <= 19; l += 2) {

Document.write(l + “, “);

}

// Series: 2k to 20k

Document.write(“<br><b>Series:</b> “);

For (var m = 2; m <= 20; m += 2) {

Document.write(m + “k, “);

}

Var A = [“cake”, “apple pie”, “cookie”, “chips”, “patties”];

Var userInput = prompt(“Enter the item you want to search:”);

Var found = false;

For (var n = 0; n < A.length; n++) {

If (userInput.toLowerCase() === A[n]) {

Found = true;

Break;

}

}

If (found) {

Alert(“Yes, “ + userInput + “ is available in the list.”);

} else {

Alert(“Sorry, “ + userInput + “ is not available in the list.”);

}

var userInput = prompt("Enter a string:");

var titleCase = userInput.toLowerCase().split(' ').map(function(word) {

return word.charAt(0).toUpperCase() + word.slice(1);

}).join(' ');

document.write("Input: " + userInput + "<br>");

document.write("Title Case: " + titleCase);

var userInput = prompt(“Enter a string:”);

var capitalLetters = userInput.toUpperCase();

document.write(“Input: “ + userInput + “<br>”);

document.write(“Capital Letters: “ + capitalLetters);

var stringNumber = “472”;

var number = parseInt(stringNumber);

document.write(“Value: “ + number + “<br>”);

document.write(“Type: “ + typeof number);