



ADVANCED TECHNOLOGICAL INSTITUTE – SAMMANTHURAI
Department of Information Technology
HNDIT – Web Application
JavaScript Practical Sheet - 5

1. Create a JavaScript code to display following sequence of number
40 37 34 31 28 25
 - i. for
 - ii. while
 - iii. do...while

2. Write a JavaScript code to print following sequence of number using while loop
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5

3. Write a JavaScript code to print following sequence of number using for loop
1
2 2
3 3 3
4 4 4 4

4. Write a program to find the sum of 13+23+33++up to 103 using
 - i. for
 - ii. while
 - iii. do...while

5. Implement a program to find the average of 11+22+33++up to 99 using
 - i. for
 - ii. while
 - iii. do...while

6. Construct a program to display numbers 1 through 10 and their square as follows
1 1
2 4
3 9
4 16

7. Create a program in JavaScript to display the multiplication table of eight as follows.
1 * 8 =8
2* 8 = 16
.....
12 8 =96

8. Write a JavaScript to compute factorial of number 5.
5 *4*3*2*1=120

9. Create a program to print following sequence of numbers.
4 8 16 32 64 128 254 512 1024

10. Create a JavaScript code to display all element of the given array using for in loop.
Student =new Array("Kamal","Pirabu","Sama","Mohamed")

11. Write a program to add five names when click a button called “array test” through prompt window and keep that data in array and display it.
12. Write a JavaScript to print even index value of the following array.
Marks –new Array(56, 39, 78, 68, 73, 56, 90, 84, 65 ,56, 64, 48, 59)
13. Modify the above code to calculate average marks of even index of the following array.
Marks –new Array(56, 39, 78, 68, 73, 56, 90, 84, 65 ,56, 64, 48, 59)
14. Write a JavaScript to display entered details of following interface.

Name: D. Jayasinghe

Password: ●●●●●●

Address: 34, Galle Rd.

Gender: ☒ Male ☐ Female

Country: India, Sri Lanka, Nepal

☒ I agree with terms and conditions.

Submit Reset

15. Write a JavaScript program to convert distance.

Distance Converter

Convert Quantity 50

From To

From: Centimeter, Meter, Kilometer

To: Centimeter, Meter, Kilometer

Result 0.0005

