Java Script
Lab -1

[Use dialog box or component of form as input from user]

1. WAP to find sum of two numbers.
2. WAP to find product of two numbers.
3. WAP to add, subtract, multiply and divide two numbers.
4. WAP to find simple interest. [si=(p*t*r)/100]
5. WAP to area of rectangle. [area=l*b]
6. WAP to find area of circle. [area=pi*r*r] (use pi as constant)
7. WAP to find largest among two numbers.
8. WAP to find smallest among two numbers.
9. WAP to find largest among three numbers.
10. WAP to find smallest among three numbers.
11. WAP to check whether a number is odd or even.
12. WAP to check whether a number is divisible by 7 or not.
13. WAP to check whether a number is exactly by 5 and 10.
14. WAP to check whether a number a number is divisible by 7 but not by 13.
15. WAP to input CP and SP and check profit or loss. Also find profit or loss amount.
16. WAP to find print numbers from 1 to 10.
17. WAP to find sum of numbers from 5 to 100.
18. WAP to print following series.
    a. 5, 10, 15, 20, …… 50
    b. 1, 4, 9, 16, ….. upto 20 terms.
    c. 100, 98, 96, 94, …….. Upto 10 terms.
19. WAP to print first 15 even numbers.
20. WAP to find sum of odd numbers from 1 to 100.
21. WAP to find factorial of a given number.
22. WAP to print following Fibonacci series. 1, 1, 2, 3, 5, 8, …….. upto 15 terms.
23. WAP to print following pattern.

a.
```
*
**
***
****
*****
```

b.
```
*****
****
***
**
*
```

c.
```
1
12
123
1234
12345
```

d.
```
1
22
333
4444
55555
```

e.
```
1
10
101
1010
10101
```

24. WAP to check whether a number is prime or not.
25. WAP to print prime numbers from 1 to 100.
26. WAP to show the use of ternary operator.
27. Write a program to show the use of switch case statement.
28. WAP to read a no. & find out if it is Armstrong no. or not.
29. WAP to generate Armstrong number from 1 to 100.

30. Write a program to display output like the following:

N	10 * N	100 * N	1000 * N
1	10	100	1000
2	20	200	2000
3	30	300	3000

You should ask the starting and ending value for N and the table should be displayed dynamically according to the value inputted by the user.

WAP to calculate compound interest for the given principle, no. of years and rate of interest.

[Hint: $C=P[(1+r/100)^{n-1}]$]