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MERN Practice 02:

Control Constructs and Functions

Practice 1:

Write a function to print range of integers
Eg: printRange(1,10) o/p:1,2,…..,10; printRange(10,100) o/p: 10,11,12,……,100s

Practice 2:

Print 10,9,8,…..,1 using all looping constructs (for, while, do … while)

Practice 3:

WAF to return sum of squares of array elements : sumSquare(ar)
Eg: ar=[0,1,2,3,4] o/p: 30; ar=[-1,2,3,-4,5] o/p:55

Practice 4:

Check whether given year is leap year or not: isLeapYear(year)
Eg: Year=2024, true; year=1900, false

Practice 5:

WAF to return greater of two numbers : greater(num1,num2)
Eg: num1=4, num2=8 o/p: 8; num1=5, num2=5 o/p:5

Practice 6:

Loop from 1,2,…,15 Check if current number is odd or even and display message
o/p: 0 is even, 1 is odd, 2is even,……, 15 is odd

Practice 7:

WAF to sum multiples of both 3 and 5 under 1000
Eg: o/p: 233168

Practice 8:

WAF to return maximum value in array : maxVal(ar)
Eg: ar=[9,2,8,14,10,7,16,4] o/p:16

Practice 9:

WAF to reverse given number: reverseNum(num)
Eg: num=364 o/p: 463

Practice 10:

WAF to return elements larger than a given key : largerThan(ar, key)
Eg: ar=[9,2,8,14,10,7,16,4], key=8 o/p:[9,14,10,16]

Practice 11:

WAF to Check whether given pair sum exists or not. isPair(ar, target)
Eg: ar=[9,2,8,14,10,7,16,4], target=15, o/p: true. Target=8 o/p:false