

APRIL·MONDAY

If I write it gutside the for Loop,
i will get the final updated valle
of the result. let result = " ". tor( let i=5; i>=1; i--) { result = result +i; consule, log (result); output = 54321 let result = " " tor [ let [=5; [7=1; [--)? result = result + [; console, log (result); output = 5 43 5 43 2 54321

\* Factorial

 $51 - 5 \times 4 \times 3 \times 2 \times 1 = 120$ 

41 - 5 4x3x2x1

NOTE: when I want to multiply take a variable and "hitialize with 1. 12 bond 23

NEOTE; when I want to add take a variable and initialize with a

MORE: When I want to print in horrortal Manner (concateriation) initialre mts empty spring ("")

EX! Find the factoral of 5.

Let

let factorial=1; for (let 125; 1721; [++) {
factorial = factorial \* i;

console. Log (factorial);

neput = 120.

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17 25 26 27 28

24 27 28

25 26 27 28

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let factorial =1

for (i=5; i)=1; i--);

factorial = factorial \* 1;

consolerlog (factorial);

output: 5
20
60
120

to Find factorial me can use Renesse toop or Formul our

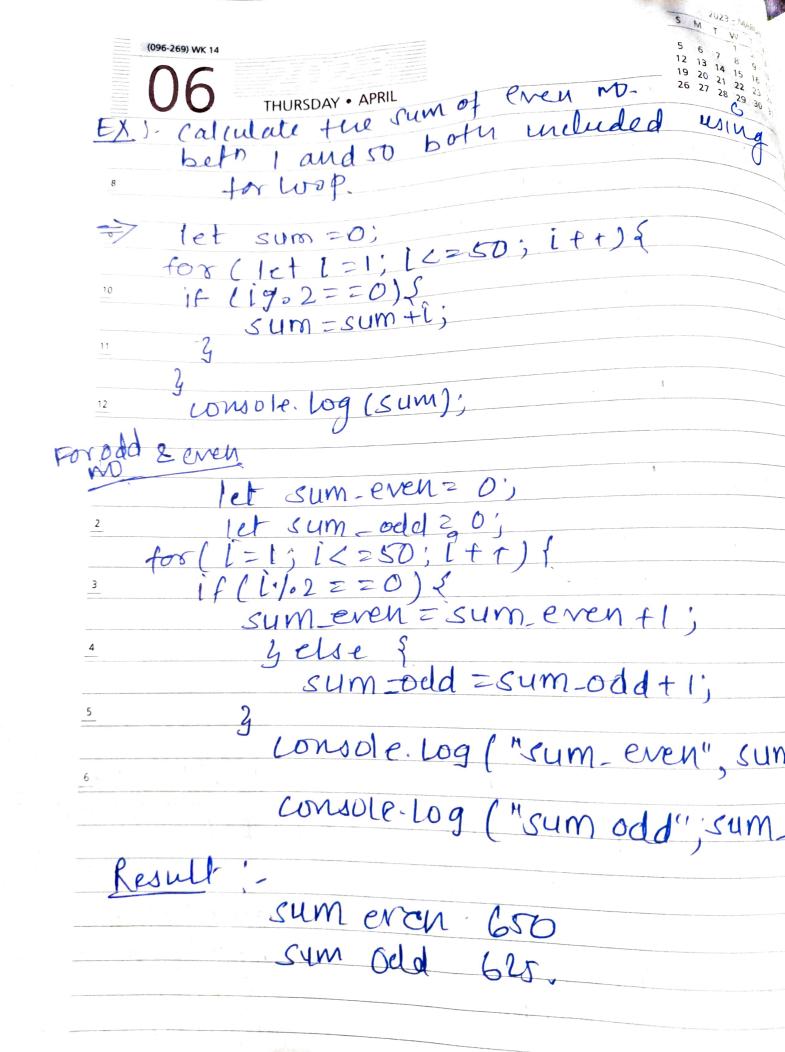
output

Ext Find Factorial of 4,

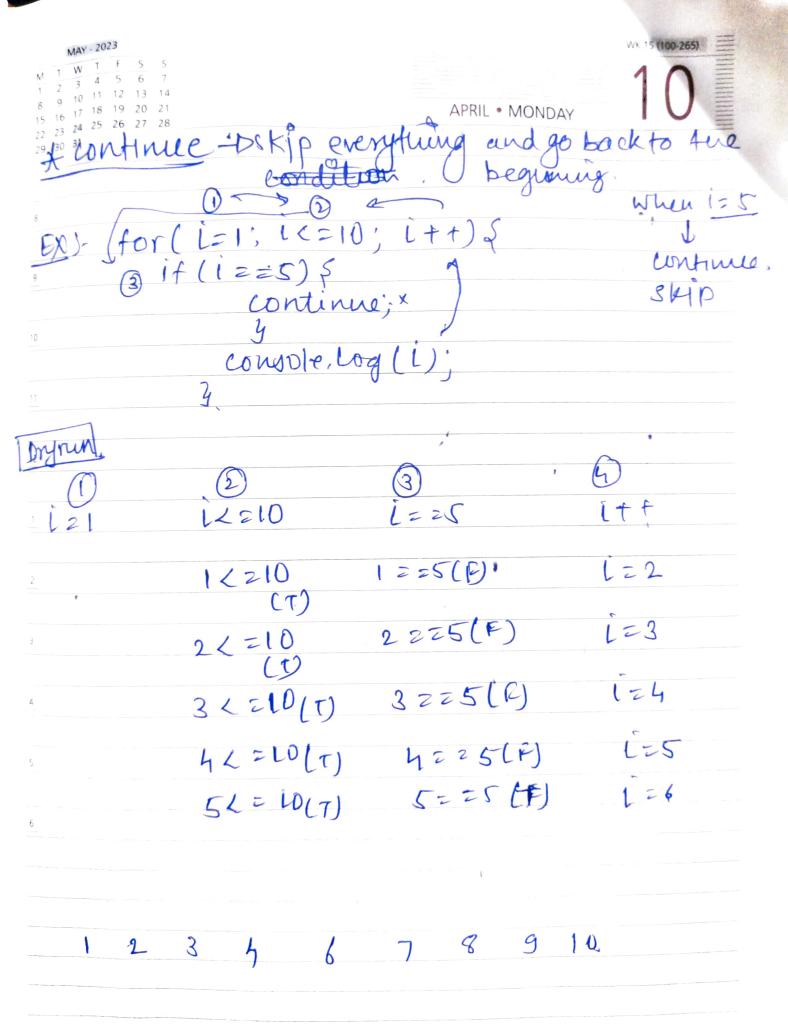
let fact=1; for(1=1; i<=4; i++) { fact = fact\*i; }

console (log (fact);

Dryru 1< 24 1=1 fact = fact \* 1 LTT 1=1 fact =1 x1=1 12=4 (T) 1=2 2 L=4(T) fact = 182=2 taci=3 tact = 2 x3 =6 3 < = 4 (7) 124 fact = 6×4 = 24 4 < = 4 (1) 5X=4(P) It win go, autil and print fre of



gove freouter



12 13 14 19 20 21 26 27 28 Th Nested Wops (2.40hr) APRIL . WEDNESDAY D When a loop inside another loop we called as nested loop. \* Nested For Loops

\* Sequence of operation for (Initialization; condition; Increment occord) ouder 11 code 11 code jo 4567567567 condition of inver wop is total. If false go to 8