Factorial flow chart > Stort Start 2) I/P num IP num 3) declared fact = 1; Ifact =1 a) for loop (i L=num) Fox loop ic=neim s) Inside 100P [Fast = factri], Fact = Fact * i; @ print Pact volue. /print Foct/ @ end end

3) factorial using seccurston factorial funn () check con? If (numz1) return 1 I/p num 2) p1 se reterm (num * fact (num-1)) factorial (nym) call Fund it felt main fun 1 Start @ take i/p num numx call Pui factorial fact (nun-]. retun num paint that funo.

,

flow chant (5) Swapping num Start Algo i) Start +000 11P 2) take tooo num i/p 1a=a+b 9) a = a+b (4) b = a - b 1 b = a - b (s) a = a - b Ta=a-b, @ print a, b torist o,b, 6 end

3 positive or negative Flocuchant A190 Start. 1) start 1) take 'VP num take 1/P 3) condition If nam 70 yes num>0 positive gelse if num 20 NO else' If July L negative posi numLo neigher post nor negative s) e18e neg tive NO posinor, @ end. ne 9 end

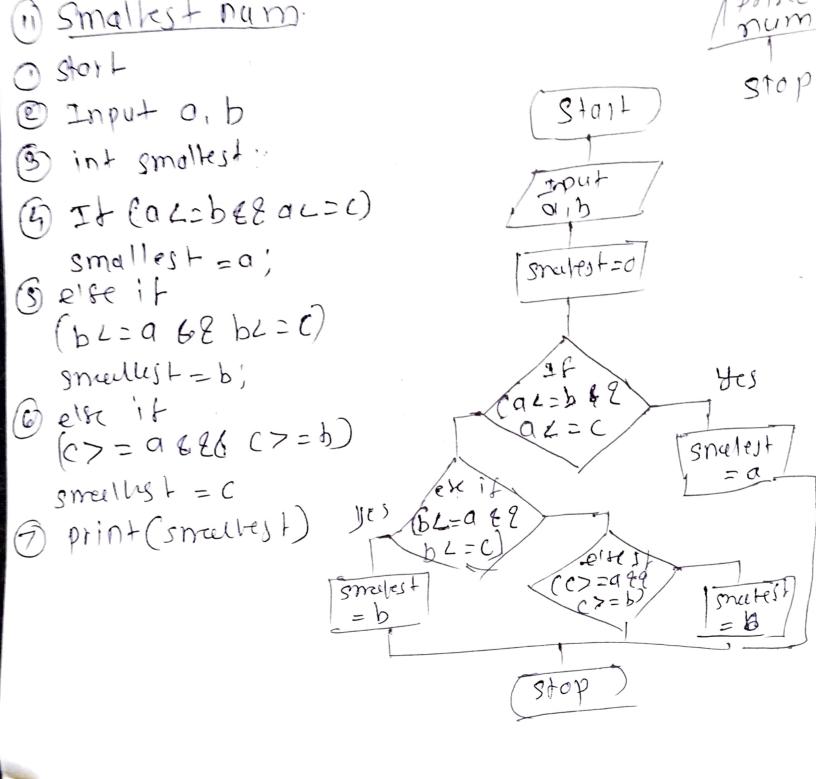
Leap) start start Ilp year IIP year 3 con If year 1/0 = = 0 @ check ano Hercon If year % If year/100 = = 0 True It year 1.400 =00 year print teap yer year/100 @ else not leap yerr 9 @ else (1100% ==0) year / 40. NO prit leap exer yes elk (1 4e8# 4 ==0) reap not leap year 1 tot Teap Hear gtop. \widehat{a} end 14010 Paid

Paits 1 4010 end coiHeab 100P print fun? Start To Tham To refern call fun print(1) a) else print num 3) retern NO Thum >10 print (num +1) In call Run itself yes roctung. moin D) start 2) call print fan refers Arin b(num H) 3) parameter to Sant no. 1. STOP

Deprint digit of Num. · Start (i) Start (2) take I/p int 3) int covert into num to string. value of (num) Stalud 3) using string, value of (i); @ use for loop withit length of num jal se (6) print char at Arue each poso 3 stop.

print factors Start · stort Input (3) For 100P false antil Bum/2 1 nam/2 Arue Cov num% 1==0 Cork. (3) print yes 3 print (num/i) Print mumil (2) The b.

in Sam of Digits -start (i) Start apput Hum 2) Input (3) Sum=0 gum = 0 (4) while loop (num710) Palte while loop (3) sum + = num 1010, Trul (num >10) (6) num = num/10: (3) after loop sum+= num 1,10 sum = sam +num: Sam=Samt 3 print sum num = numo/olo print a) stop STOP 2 24 500



Add too no ceithart with Arithmetic o start @ take i/p numi, numi, numi, num²/ 3 ust for loop i=0, i Lnum2, Calt AME numitt: 3 print numi. itt numtt @ Stop MIMM.

a percipe given in	0 1 3
(B) Reverse given in	(intart)
(6) Stark	
9.210 norm!, 9.210 norm!, 9.210 norm!, 9 num convert to to string 9 num!= string. value of (8) 9 num!= string. value of (8)	1 Programme of the second of t
Dum Contito value of Co	nun) / pur
numi= string rate from	
	(Start) Light
length anarder at	
(a) Portion and interpretation of position.	/s p
(2) 3/06.	
(5) 3(0)	String. value of (hun)
•	3/7/12/10/00
	1=Band Payc
	1 Storm
anaitat(i)	
	(3401)
L.	

Stalt Start I/p num!, num? /IP, num? 3 initialize ged=0. G For loop i=0, iz=num amd num 2 190a=0 (3) If Chuminizeo and 4 KK falx c = nunz num // i = = 0)

@ gcd = i 1+4 nu mij=0 numi1.1-0 gcd = i

Start (13) CCD1 1 Start p num!, 13 Initralize LCD nume = gretest in numi, numi 5 ahile 100P : 45 3 If (LC19% num1=00 ond LCB1. num? = =0) @ print LCD and bredt 100 p true while fo/respond e186 20 DITT false True LCBXY. num2 stop C.CD++1 stop brist preck.

(7) Polidrome num 3 Star F Start @ Ilp num 3) convert into ofing , For loop iclente-1 ; ++ ren u-5) If conn cleak
i posi and n posa n=yn-1, F=tvel equal or not = 0 LIEN/2-Bat Magatine Juil print palidiere palm 8) ete not polithan 3 Stop Glop perab(i) pag-thee Gag-forter

(1) prime factor main Function Start Start take i/p 119 num For 100 P i L=num a If (num 1: i = =0 for i=i and num 4. 1 Lz num Prime(num/i) (S) print (num /i) prime funa 15 num 1.1t 0 yes prime (num) prim (num/i print. 1 boolean num/1 flag = true 3 for Flag= Ama i=2 $i \leq num$ & If numº/0i ==0 Mog = Paíse break plag. for 1 2 2 iLnun nungor Clag= reform