Assignment No. 1 check the given No. is Even or odd. ? 8.1 start) Enten a Number Number 0/.2 == 0 This is even Namen This is odd Namber (Stop) (1.1) factorial of a given Number. (5tact) Enter a number factorial =1 1= number; 121; --1; Factorial = Factorial XI Factorial Stop

193) Faltonial of Number using recursion. (Stalt) Enter a Number Yes Number >= 1 Fact:1 Number = = 1 Print fact Fact = Fact XNumber Num-1 1. 30 swap two numbers without 3rd variable (0.4) Start Enter two number: a=a+b b= a-b d=a-5 The Number ace d=20 b=10 Stop

given number is positive of negations 6 Start Inter anum mum>0 ND YES Yes No 10 Um=0 This is it is Negative it is positive not positive number Alegania Numba STOP or mot . O. eap year Q.6 5+924 Enter a year Yes Year 1:100==0 Yes year 1-4==0 Year 1 . 400 = =0 itis leap it is not This is it is not y cos Lep year hepyeer Leap year STOP

DATE 9.7 Print 1 to 10 Numbers. Stalt Number =1 Yes No. Mumber < 10 project Number 5 top Mumber +1 9.(8) Digits of a number. Start) Enter a num = 106 100 digit 1 = num /- 10 16 wan: waw/10 digit 2 = num %. 10. 10 mum = mum /10. digit 3 = num-1.10 Print digit s oligit 2 digit 1 Stop

(ii) all the factors of given number more start) Enter a number =1 to many 2 mum %1 = =0> Yes. buset !-Stop digite of given number g.(10) Start) Emter a number digit 1= num-1-10 num = num/10 digit 2: nurs 7.10 num = num/10 digits: numy.10 Sum: digit I + digit o + digit s print sum 5+0p

9 1 Smallest of 3 num. (a,b,e.) 2 PAGE NO Stack Froter 3 Number a> b NO Yes a>c a 15 smaller No Yes b>c b is smaller c is smaller Stop 9 (12) Add two number without anithmetic o perato ès Start Enter nimo 1 = 0 Tes No. ima 71++ bunt Stop

Reverse A given number. (5+ast 21 Reverse = à Enter num:n while M/=0 Yes m=m/10 Réminder = n/.10 REDEASE = REVERSEXID + Reminder Print Stop (4) GCD OF two number. Stall Enter n, no Point GOD while Yes M11= M2 Stop it witwo n 2=n2-n1 WI=WI-W5

rew of two vamper (15) Stalt Friter n, 4002 Jcm = (n1>n2)? n1; n2; while true Jon++ if (dem/00) = = 0 \$ \$ NO Jan 1. M2 = =0 Yes Stop 03(17) Polindrome Number. Staff Int m, revenued == rem = 0; temp = n rem = m./. 10 reg = regx 10 trem = m/103 rue While m>0 MO-IF rg = = temp prient palindrome Not palin frome Fond

(B) Even mo. series. Stay) in+ n=2/ m= n+2 point on Stop g.20) odd No. Series. Statt n=n+2 pointon Stop