} while (12=10);

PRESIDENT MATADOR Voltabook day goto statement in+ i=1; it a took it is the print ("r.d on", i); 30000 ("F.d" by 800); it (50) goto onis; (++1 (11=x) ; 1=1) 700 नामण किंग multiplication toble # int num, iprivit (" x 2 1 m") toot); print ("Enter any number = "); scorn f ("r.d", 8num); for (i=1; i =10; i+t) { 17. shown sming # print + (" 4. d x r.d = r.d) num, i, num*i); En fronts (Enter ony positive montesators while maxita zorout continue 100 (1=2) rob 17 (nom. 1:==0) 2 count + +. preox. 5

```
4 tactorial
  int n, i, fact = 1;
  print f (" Enter ong positive number=");
  Sconf (" r. d" 1, 8n);
                    (100) th
  for (i=1; i =n; i++)
    fact = fact * i;
   printf ("r.Jm", fact);
              print ("Enter any number=");
                       sunt ("14", smail;
# prime number: } (++) (0)=21 (1=i) not
int num, count = 0, i;
En frintf (" Enter ony positive number = ");
 Sconf ("4.1", 8 nom);
 for (i=2; i = nam/2; i++) {
    if (num 1. i = = 0) {
        count ++.
        break; ?
```

```
I but nom, temp, 11, sum - 0;
it (ount == 0) {
   prints (" prime numberin"); }
 else
      prints (" not prime number m") 3
                          While [ temp ! = 0]
# 7, XT, 57 (L. cd) 5751787, (G. c. d)
                         L= tembli 10
 int n., nz., num1, num2, gcd. lem;
 print f (" Enter two number = ");
 Scant (" Y.1 7.1", snum, snum);
 n, = numl;
 n2 2 num 2;
                         printf ("GeD = xd m", ged);
 While (n2!=0) { 12
                         prant ("Lem= 1/1 m", Lem);
    rem = n/x 7/2;
     n1 = n2;
      n2 = rom; 3
  gcd = n1;
  Lem = (mum 1 x num2) 1. gcd;
```

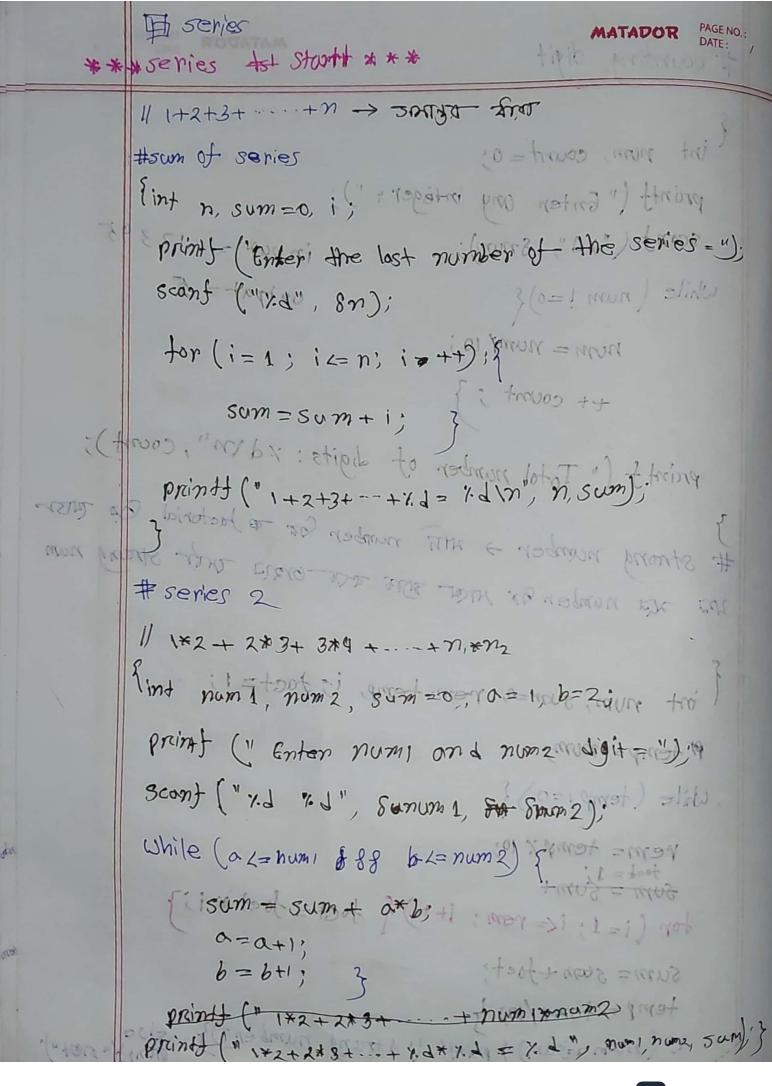
MATADOR # sum of figit int num, temp, r, sum=0; sconf (" " Sol Prom): Sconf (" "d", Smum); temp=num; our suring tour ") thring While (temp!=0) \$ (p.2.5) www (p2.7) to the r= temp / 10: Sum = Sum + h; imon , som, more , or , or fri temp = temp/ 10: printf ("sum of Lights: "dm", sum); mint ("GeD = 14 20 119 et); While (n2!=0) 209m i(101, 101/2 100) - 1001/23/ =>1+2+3 2 October = 1001 acd = n1;

Revense Estat Margaret Deller , with the bungsmills taked int nom, temp, r, sam = 0; print (" Enter any number); sconf ("r.d", 8 num); temp = num; quet mon (1 apout > 789 1 8109)
While (temp!=0) (output > 987 19018

r = temp? 11 r = temp 1.10; (0= 19mst) still Sum = 5 m * 10 + 1; 01 19mot = 7 temp = temp(10)11 + 11003 = 11012 printf ("Reverse of number: r.din", sum); 12 (morn = = sum) } # palmom number & 2th Revence and original GI THE IN ONS (IT DIET Palindom number, Frint (" not montened mounts). { prints ("palindom"); }

MATADOR PAGE NO.: # Armstrong number check Trova and sun cold and all and and all the sund and $153 = 1^3 + 5^3 + 3^3 = 1 + 25 + 27 = 153$ scouf (" gum); int = sum=0, h, num, temp; mun = quet (0=! 9ms/ s/NW temp= sum num; while (temp! =0) { | 01 x 9 mot = 1 r= tompy 10; 7+01 x more = 1005 sum = sum + r* r* r* may = grant temps temp 10; print f ("Reverse of intember: "din", gon); if (num = sum)print+ ('Armstrong number);} printf (" not Anmstrong number");} KEVERS ADTER tou be - and NEVEDO: 1341 if (num = = sum) print (polindon);)

DIR TYPO ← 17+ ... int num, count=0; 70,902 to much proint (" Enten any integer : "); scont ("xa", 8 num); 100 to in put = 112395 While (num!=0) { (no outpat = 5) nom = nom/ 10; ++ count; } print f (" Total number of digits: "d'm", count); Prinds ("1+2+3+--+K # strong number -> 21th number Cor to Jactorial Go 74752 The way namper or that short was now 11 182 + 2834 389 4 - 47,872 int num, sum=0, nem, temp, is tact 71; frompienom; more proming on a more among in thing while (temp1=0) for 1 mores "65" (to) (1000) rem= temp / 10; mon = 1-9 88 1 1000 = 1-0) 9/100 Jum = 50m+ for (i=1; i = ram; i++) { foct=fact*i)} sum = sem + foet; temp = temp/10; } if (num assum) { printf (strong number)} else



1 to son and print part. MATADOR DATE: # > 20 n m/g candraint in sum = o; prints (Enter n="); int or, i; prints ("Enter 0="); (18 "68") from scant ("1.2", 80%; } (++1 (100)) "10t for (i=1; i=n; i=i+1) { ixi+ muz= mous print + (" 21 "); } Jour , " mets") + tring # sum of series even or odd अर series हम अधारित में महा का का का off condition shongs 200 + el + el + 11 11 for (i=2; i=n; i=i+2)+(2+4+...+n) -+ even for (i=1; i=n; i= (+2) + (1+2+6+-++n) -> odd for (i=1 jiz=n; i=1+3) -> (1+4+7+15) - 22623 Jor (i=7; i≥n; i= i+4) → (7+11+15+···n),32007=4 prints ("= 4.2 15 m", sum);

squan series Gz Jum | Allst int i, n, sum = 0; printy ("Enter n="); sconf ("7.1", 8n); ("= 5 "stad") throng for (i=1; i(=n; i++) { (108 "ba") trops sum = sum + i * i; (1+i=i; 1=1) prints (" 21 m", sum); (i, "Lx") + bring # sum of series even or odd series of divide to sinse # 11 1/1+ 1/2+ 1/3 + · - 1/n The condition shows 20 double sum 30 (24)=1: 1=1 (2=1) 101 printf (" Enten n = "); scanf (** 1 / 1); 1 ((sn); 1 ((= i) 10) 101 (i=1) it=n) } (t+is) n=in+h=in) not # + = ners (n-+ = sum = sum + (1(i); + (++i = i : n=1 : F = i) not print ("= x.21f m", sum);

```
{ int i, n. result = 1;
 printf ("Enter n="); blo o como in the
 seanf ("/d", 8n); tool out your ") fixong
 for (i=1; ian; i++) { (18 (bx") tross
     hesult = result * ]; } in=1 (1=1) not
prointf (" Result = 1/d (n", result);
           thirth even = eventi
# 1x3x3+---xn i+bbo = bbo = 100
ANCOS (Sense - NVa SACH. CAR. ASK.) Special
for (i=1; i <= n; i ± i+3){
     result = result * ixis } mono inche
                    011235
# 2x4x6x-...xn-
for (i=2 / i/2n; i=i+2) { (12+1000) } in
     result = result * i* i* i }
# 23× 43× 8× -- × n3 10000 = +2000
 for (i=2; i/=n ; i=1+2) {
```

LAUGHT THEFTH TO # Jeries 11 Sum=1-2+3-4+5-6+---11 som = (1+3+5+ -..) - (2+4+6+...) Int n, i, even=0, odd=0; - 10 return) throng prints (" Enter the last term = "),") tross seanf ("xd", 8n); 3(++1 (N=)) (1=1) not for (i=1; i=n; i+t) {x+10299 = +10291 orant f (" Result = 1/d/m") ("Esufs); #) find prints even=even+ij} else { odd = odd + i; } } ... + EXEXI # prints ("sum = 1/1/2 ("sum = 1/1/2); 3 Fibonecci -> zuls o, 1 from gra 62; compra 22 आदिशाव . त्याद्यात्राचा हुईक व्याद्वश्री मामारा ने । माराह्य 12358- - TRX. -- X 2 X + X # int first =0, second = 1, count =0, tibo, n; White (count 2n) { if (count 2=1) { fibo=count; } == i) rol else { tibo = first+second; = fluxer finst = seconding x -- x & x & x & # second = fibo; } prainal ("1.d.", \$160); count ++5=1,10+