LOOP / ITIRATIVE / REPETATIVE => > Fores 51 > while () -> do while () 1112 -> For() I- While (); -SYNTAX : -FLOW CHART ! while too INITIA LIZACION initialization While (condition) COMPITIE True Block Statement TRUE BLOCK increment / devement SCACEMENT INC/DEC NEXT A: - Generating 1st m-integers: -> # include < etdio. h> main () int i, m; foundf (" enter in "); scanf ("7.d", 4 m); 1=1; while (i <= m) prints ("1.d", i); 3 1++;

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a'r sum of m-integers:
                                     a: - Factorial of m: indegers
                                      -> # include < etdio . h >
= # include & ethio. h >
                                         main ()
   main ()
                                            int i, m, f=1;
   funt i, m, s = 0;
                                            fountly (" enter m");
     printf ("enter m");
                                            scanf (" 7.0"; 4 m);
     scanf ("1.0", 4 m);
       j = 1,
       while (icem)
                                            while (iz=n)
          S=S+i'
                                                f = f * i !
          i++;
                                                1++;
       printf ("1.0", S);
                                           paint ("7.0", +);
           Multiplication
                                         a: - Greatest common Divisor
a:- To frint a table: -
                                              [GCD] Of 2 numbers :-
> # include < stdio. h >
                                         > # include < stoio. h>
   # include < conio. h>
                                            # include (conio. h>
   main ()
                                             main ()
     int i, m;
                                              int a, b;
    printly (" enter m");
                                              printly (" enter 4, 1");
     Scanf (" -1.0" (m);
                                              scanf ("1. d 78,496 b);
     1=1;
                                              while ( al, = b)
     While (iczio)
                                                 Uf (a>b)
       printf (" 1. 0 + 1.0 = 1. dlm"
                                                 1 = a - b;
                   m, i, m* i);
                                                  else
         1++:
                                                 b= b-a;
                                              fountf ("1. Q", a);
    getch ().
```

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LCM of 2 Numbers: -
                                               4 $ b= LCM * GC)
< ) mum (>
                                               LCM = A * b 11 c/s
  1 int a, b, c, lim;
                                                     (70)
                                                LCM = C/a (OR) 9/3
     prints ("enter a, b");
      Scanf (" 1.0 1.0", 44,46);
       C= a+b;
       while (a! = b)
                                   Jam = c/a;
         il (a>b)
                                   fourth (" lem = 1. d", sum);
          A = a - b;
           b= b-11;
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, main ()
 { int a, b, lem;
   printly ("enter a, b");
    scanf (" 7.0 1.0", ka, 46);
     lum = (a>b)? a:b;
         if ( ( lem 1. a == 0) & & ( lem 1.b == 0))
         1 printf ("1 LCM of 1/. d & 1. d is 1. d (m", a, b, lem);
           break;
          ++ lcm',
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