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Practical 5.
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Aim: white and execute two programs using do-while loop
         Theory:
                 Do -while loop:
                              Unlike for and while loop, which test the loop condition
                        at the top of the loop, the do ... while loop in ( programming
                        checks its condition at the bottom of the loop.
                  Syntax: do &
                              statement (s)
                              } while (condition);
          Code:
               i) To find the questest commondivisor (gcd) of two non-negative integer value.
              -> ##include < Stdio.h>
                #include (conio.h)
                 int main () {
                   pt int i, n1, n2, gcd;
                  printf (" Enter the two numbers : ");
                    scanf (" 1.d -1.d". 3, and & az);
                   j=1;
                   3 ob states
                        if (A+ n1.1:==0 && n2 :1:==00) &
                             gcd=i; }
                        while (i<n1); as i<n2);
                    * printf (gcd = 1d", gcd);
                    return 0;
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2. To find the average of 'n' numbers.
        #include (staich >
           int main () &
             int, i=0, a, sum;
             Float ang;
           printf (" The total number of values : ");
             scanf (" /.d" ,an);
          int aur [n];
              do &
              printf("Enter element No 1.d. : ", i+1);
                Scanf (" 1.d " dars [i]);
                sum += awe [i];
                 i++;
            while (ikn);
              avg = (Float) sum/n;
              printf ("The average = 1.2F'3, ang);
         return 0;
Conclusion: Hence, I wrote and executed two programs using do-while loop.
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