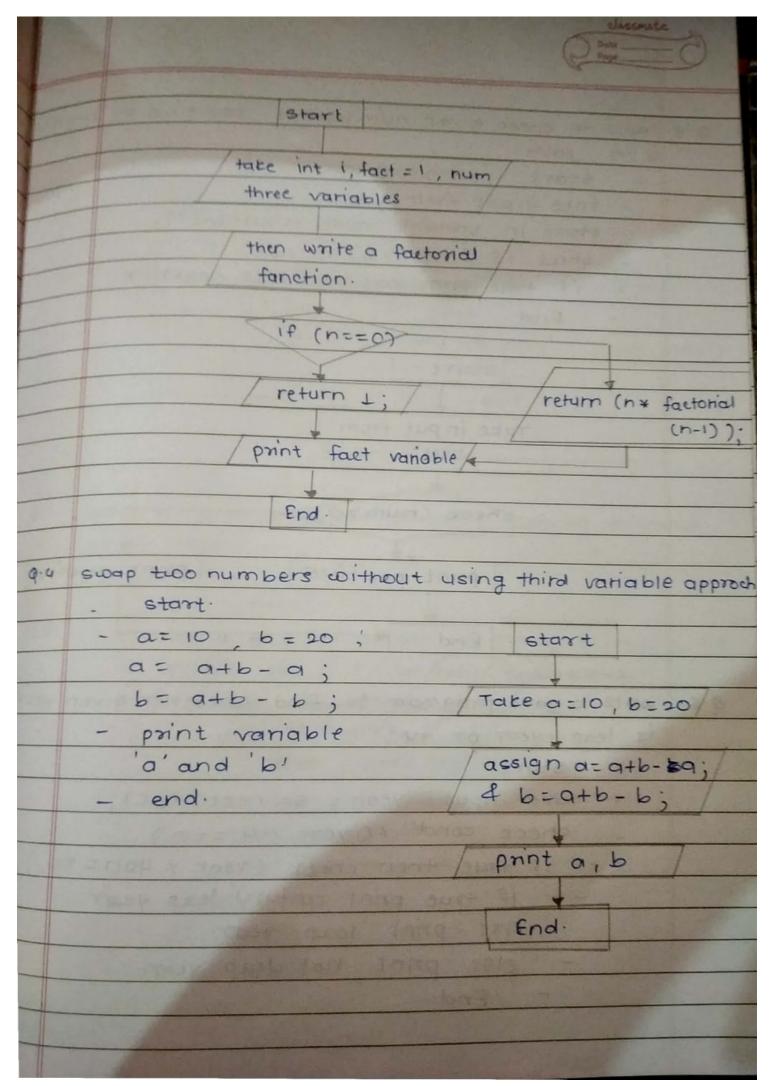
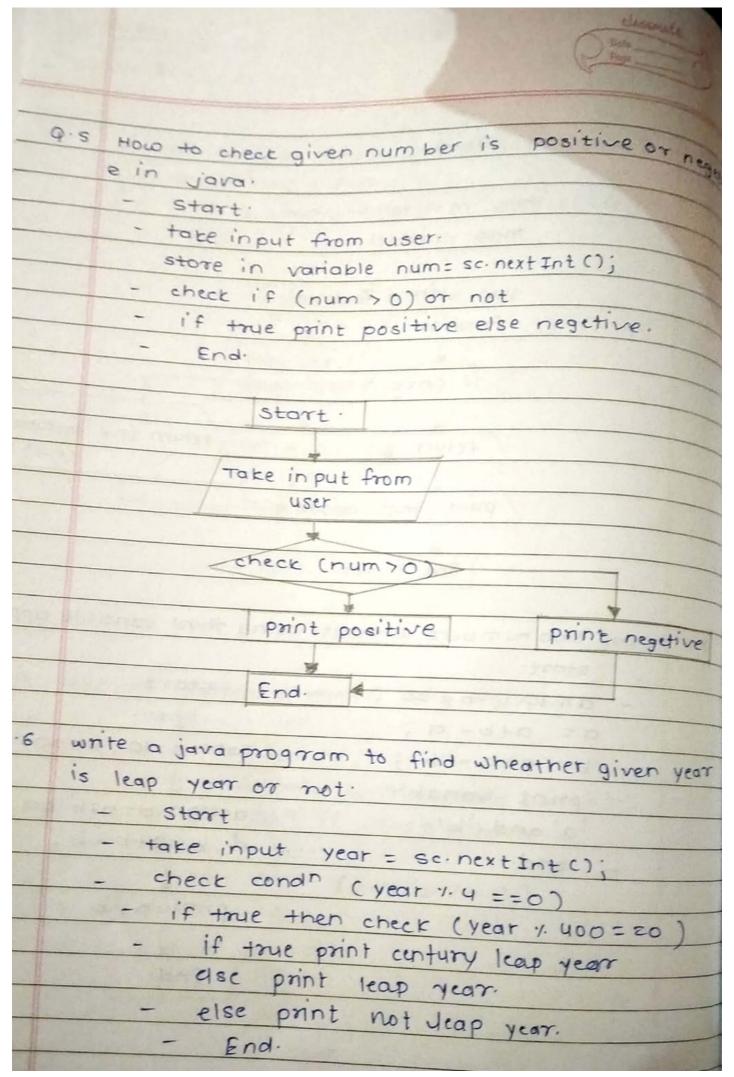


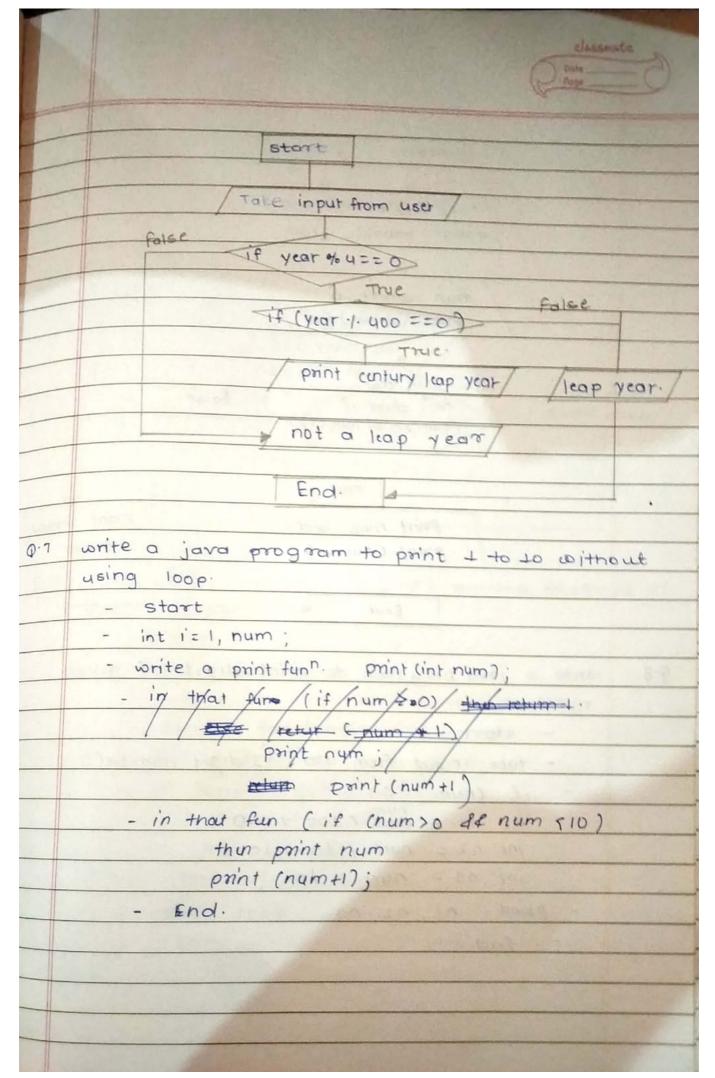
```
- then use for loop (i=1; i c=num; i++)
          then fact = fact xi;
          when loop terminate print value of fact
          End.
                    Start
                  Take input
                  from user
                 run a for loop
                  (1=1; ic=num; i++)
                  take fact = fact * i
                   print value of fact
                        End.
     find the factorial of number using recursion.
9.3
       - start
       take int i, fact = 1; int num = 5;
       - write a factorial funn factorial (int n);
        - in that funn if (n==0) return +;
           else
            return (n * factorial (n-1));
        - point int fact.
        - end of program.
```

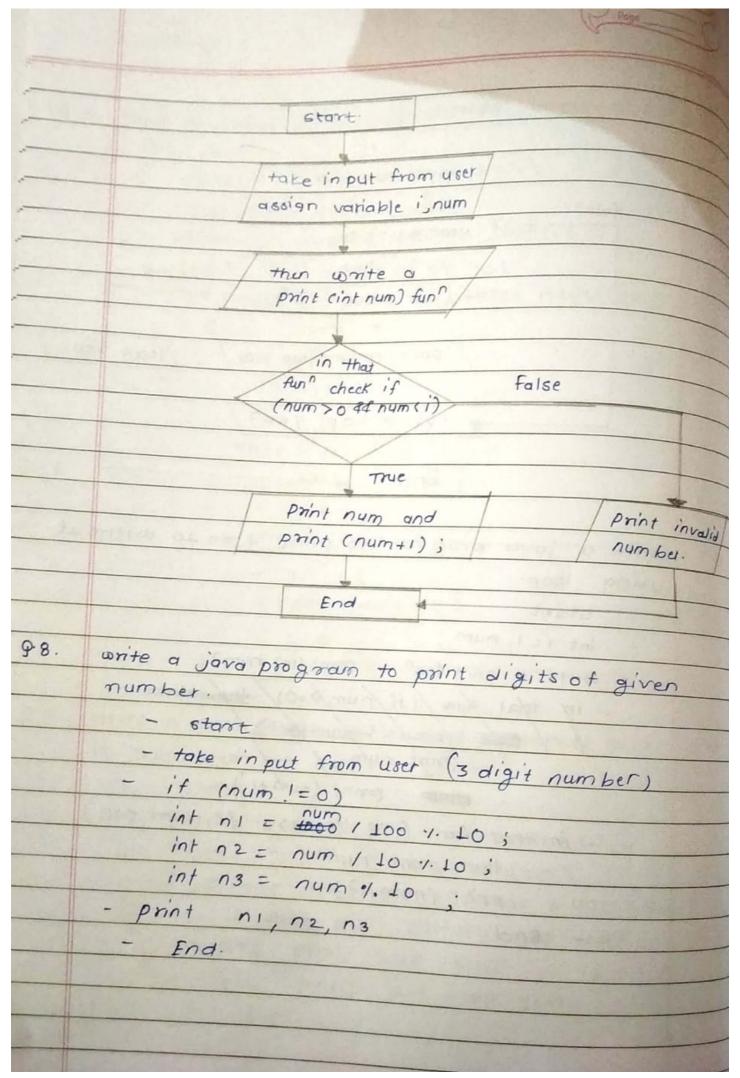


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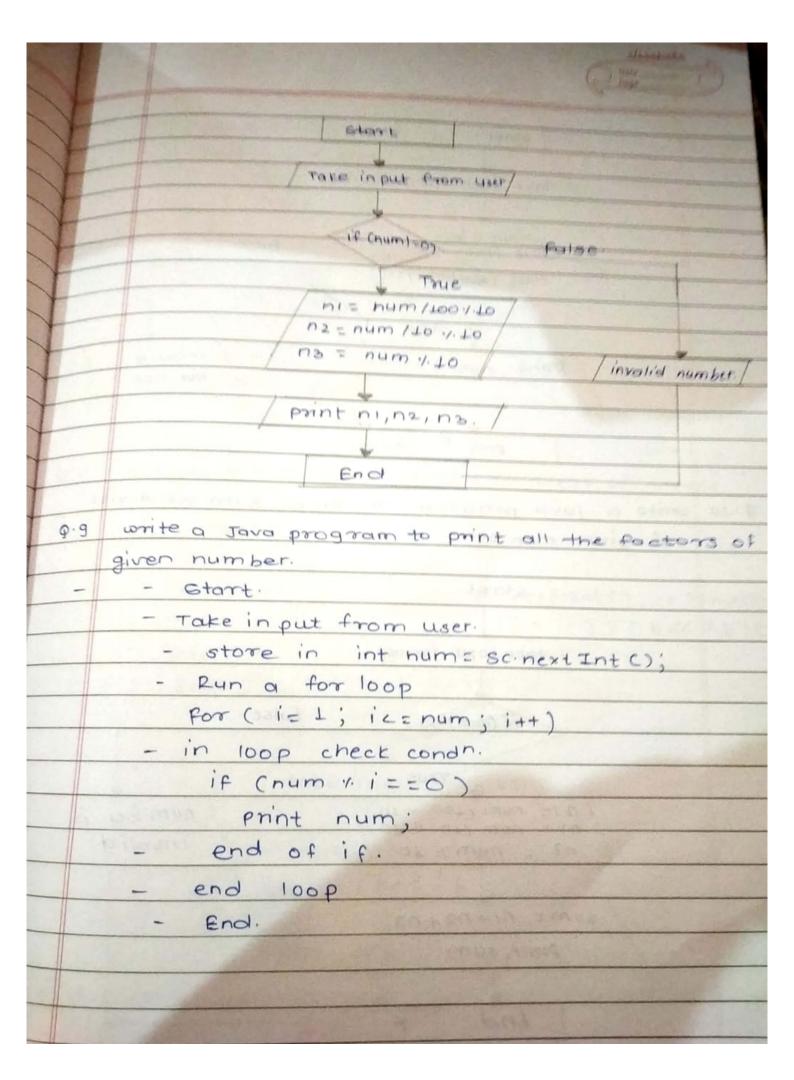


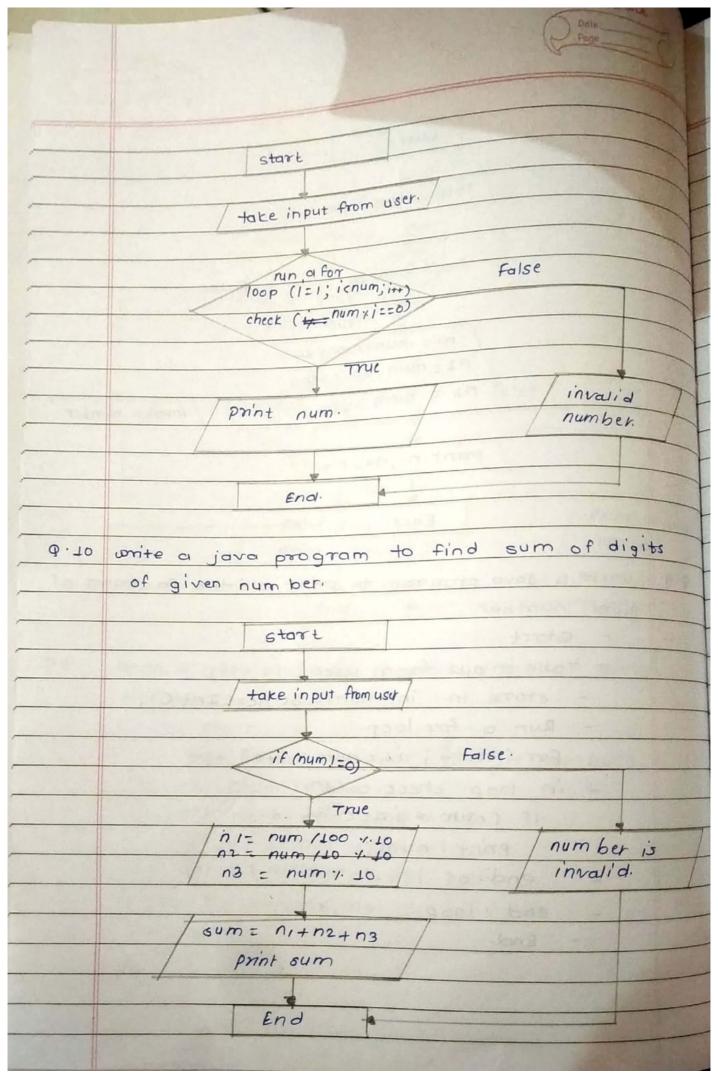
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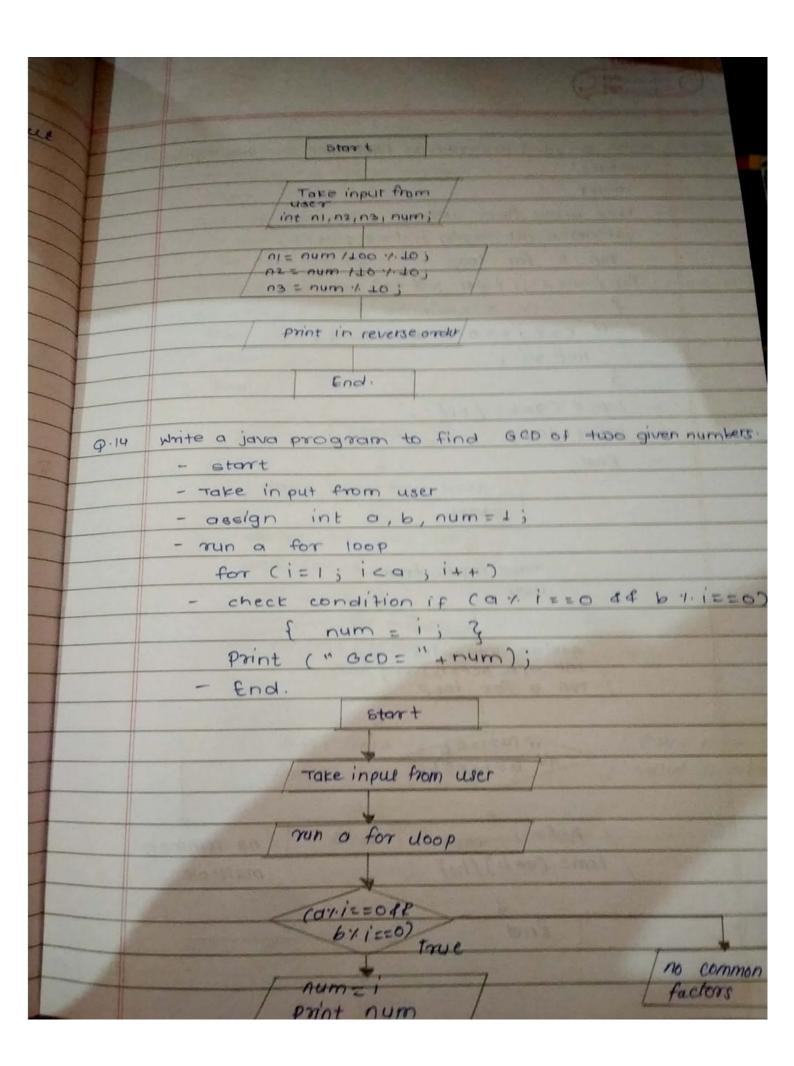


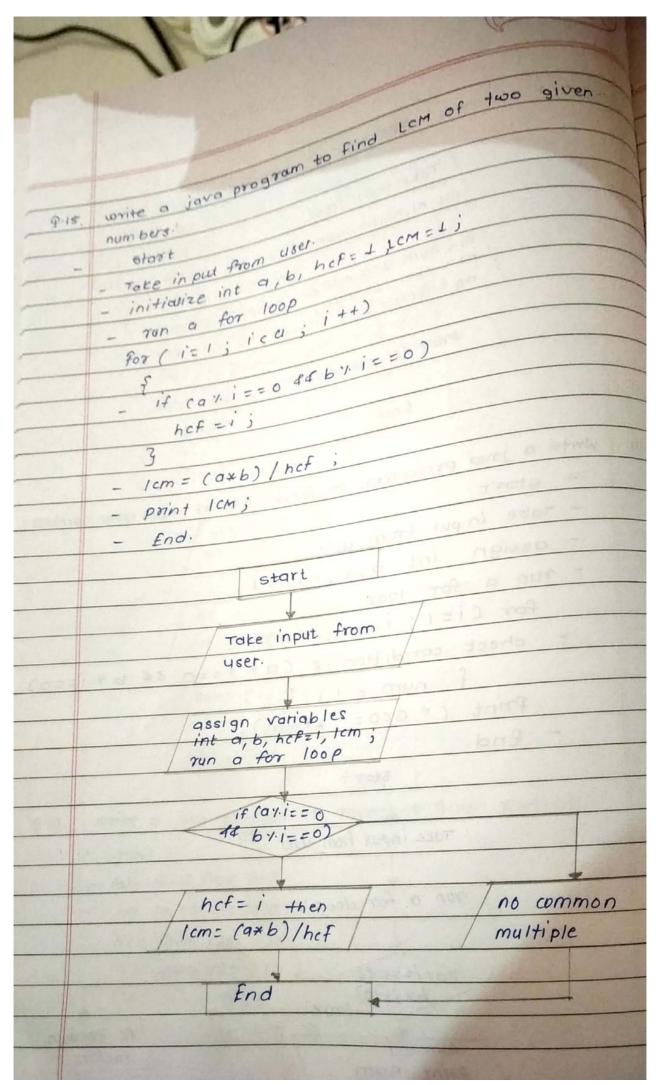
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```
- Take in put from user.
        - int num = sc next Int ();
         if (num != 0)
            n1 = num / 100 //10;
            n2 = num / +0 .1. +0;
            no = num 1. 10;
         - sum = n1+n2+n3;
         - print sum
         - End.
    write a java program to find smallest of three
9.11
     number a, b, c.
      - start
      - take input from user.
      - a = sc. next Int (); b = sc. next Int (); c = Sc. next Int
     - int min = (a < b) ? ((a < c) ? a : c) : (b < c ? b : c)
     - print min
      - End.
                      start
                 take input from user
                int min = (acb)? (ace?
                a:c): (b(c!b:c);
                paint min;
                   End.
```

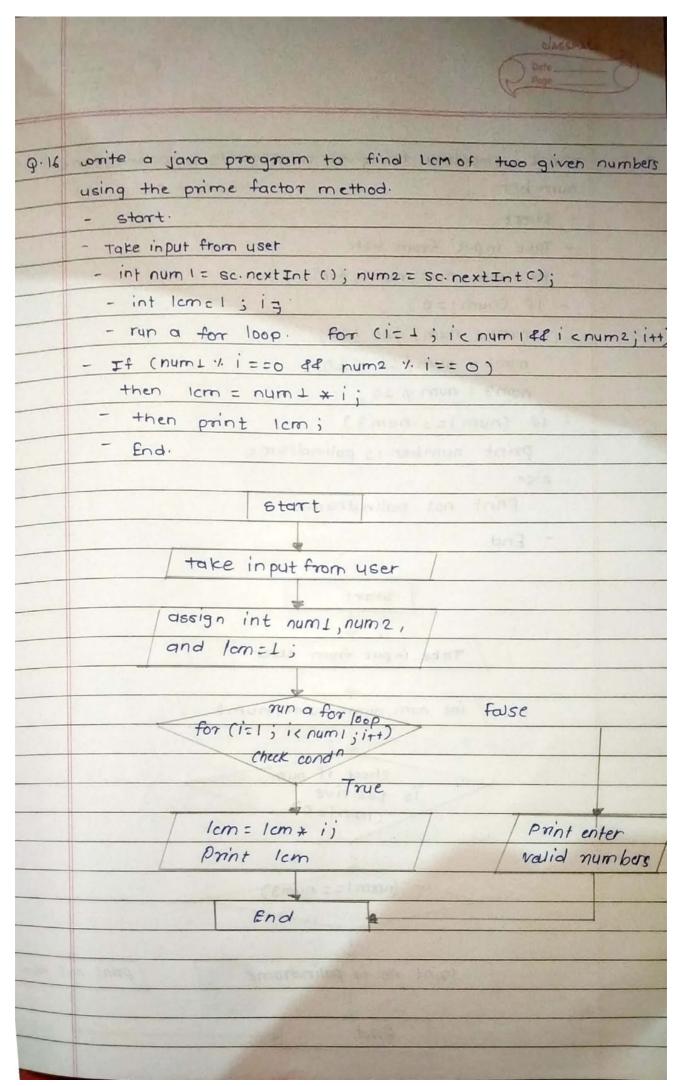
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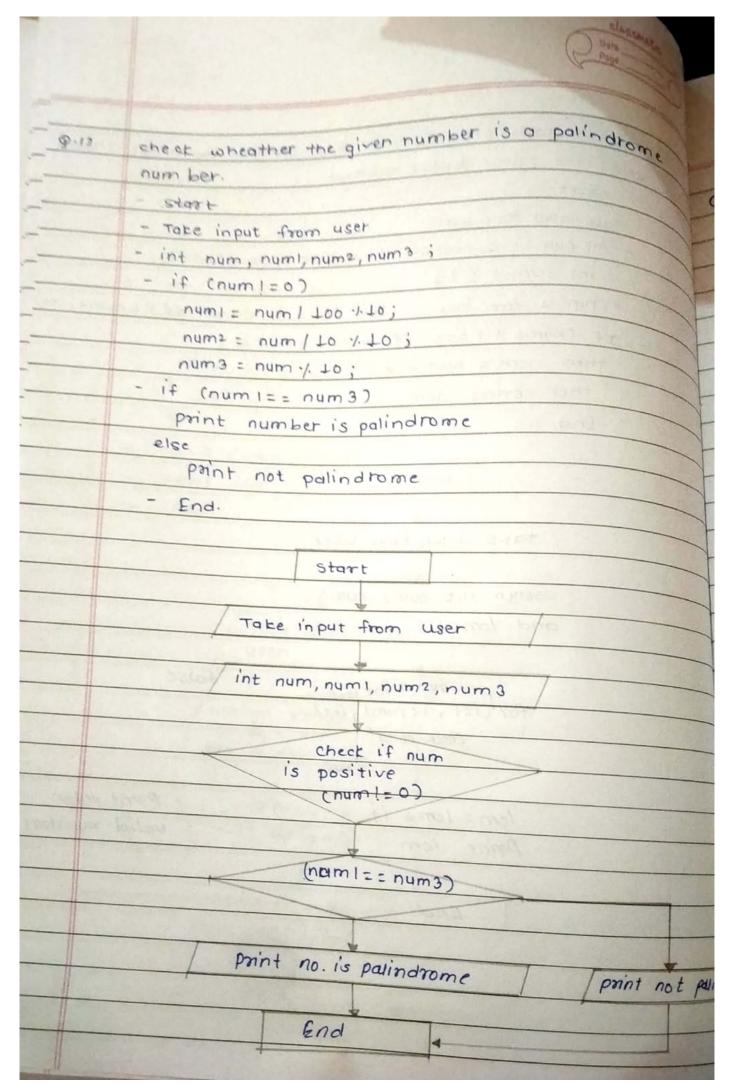
```
write a java program to add two numbers without
         using arithmatic operator.
  9.12
         - start
          - string or args (0);
         string 02 = args [1];
          - convert string to Int.
            int i = Integer. parse Int (SI);
            int j = Integer. parse Int (82);
         - add then print (i+j);
          - End.
                     start.
                 61 = args (0) ;
                 62 = args (1);
               int i = Int (SI);
               int j = Int (S2) ;
               Print (i+j);
                    End.
     omite a java program to reverse a given number.
9.13
     - take input from user.
     int ni, nz, na num;
      NI = num 1100 410 ;
      n2 = num /10 /.10 ;
      n3 = num 1.10;
     Print (n3, n2, n1);
       End.
```





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```
write a java program to print series of even number
          - Start
          - Enter input till where you want series.
          - int num = sc. nextIntc),
            tun a for loop for (int i=1; ic num; i++)
            - if ( i y. 2 == 0)
              Print (i);
            - End.
                        Start
                   scanner go: new scanner ();
                      . Ffor (izi; icnum
                  Print (i);
                        End
9-20 write a javo program to print series of odd number
      1,3,5,7,9,11....
       - Stort
       - take input from user
      - int num = sc. nextInt();
         run a for 100p
            for (is1; ic num; i++)
              if ( nym + 2 == 1 )
                 Print (i)
         - End.
```

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