ques: i/p from user & check if it is even +ve even -ve odd +ve or odd -ve (using nested-if)
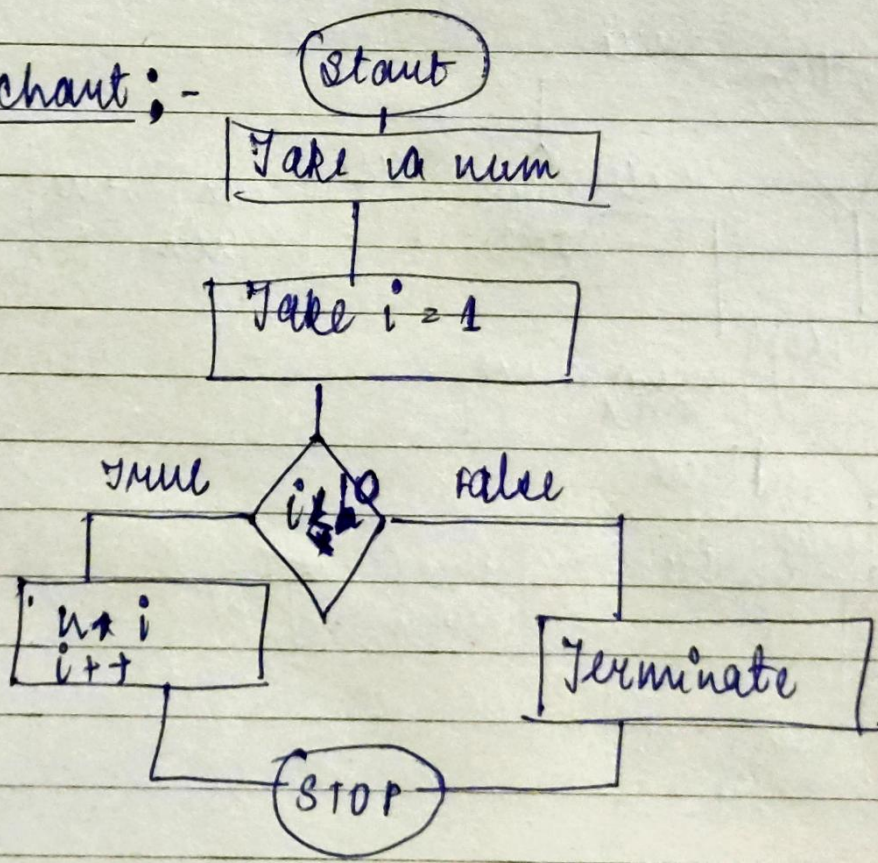
n.w. (4)

Start

Take +ei/p

if i/p > 0
- False → Print 0
- true → if i/p %2 == 0
  - True → num is +ve even
  - False → if i/p < 0
    - True → num is +ve odd
    - False → if i/p %2 == 0
      - True → num is -ve even
      - False → num is -ve odd

STOP
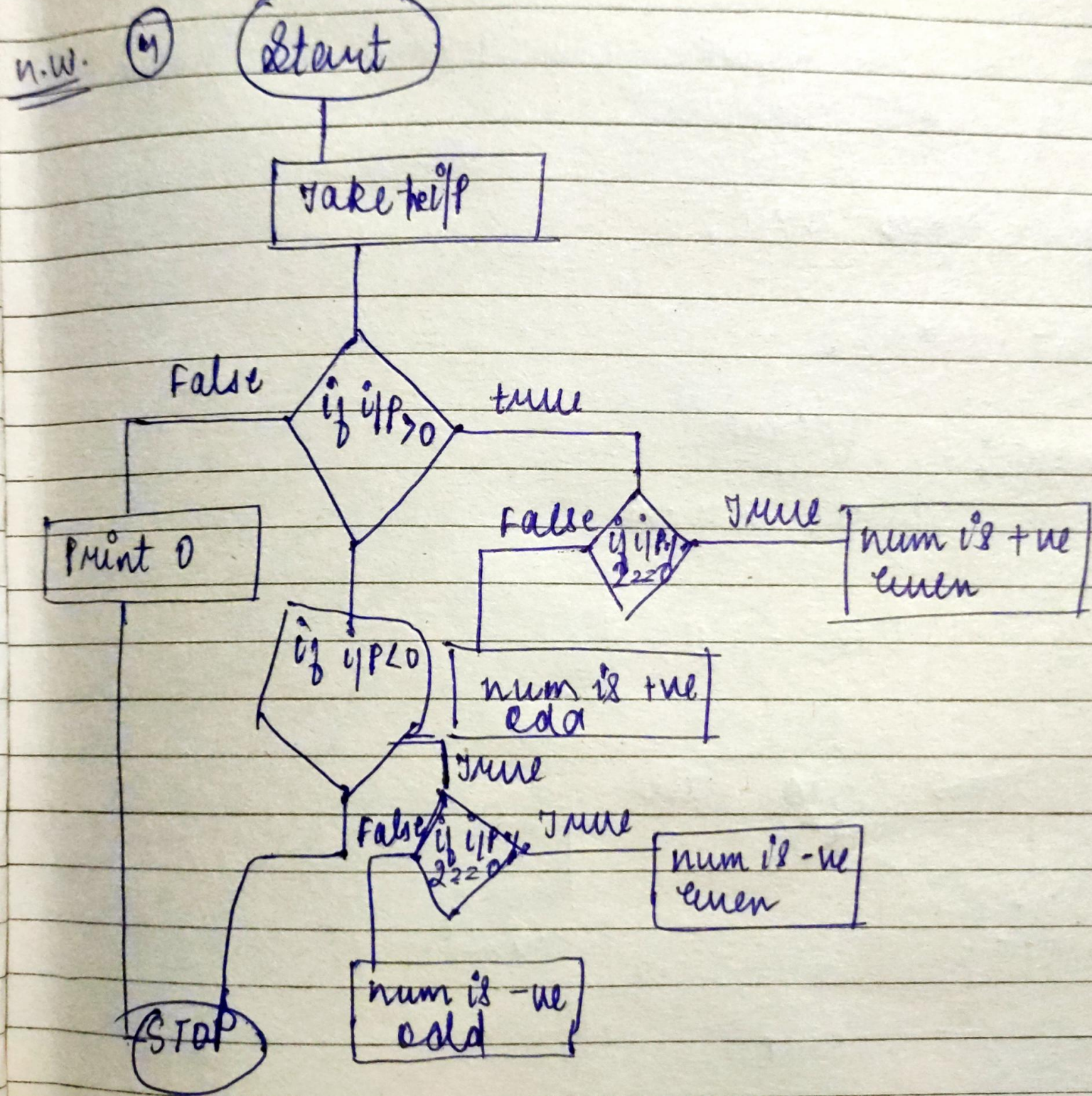
Ques.5) Write the steps, flowchart and pseudo code:-
Print the table of any number (using for loop)
Algorithm:-

① Take input = n (any number from user)

② Use loop as we want to print the table of any number. A line of code is executed again & again. So we have to use loop for that.

③ Logic is loop start from i=1 to n and value of i gets update

④ Logic - know n * i;

⑤ Print (n * i);

Flow chart:-

```
                    ( Start )
           | Take a num |

              | Take i = 1 |

      True      < i<n >      False
                 i++
      | n * i |              | Terminate |
      | i++ |

              ( STOP )
```

Pseudo code :-

1. i/p = number
2. for (i=0; i <= number; i++)
   {
   Print (n * i);
   }