Day 2   Assignment.

Draw a flow chart for positive even & odd, Negative even &
odd,
& Zero

Start

Take input
num

if num > 0 — yes → if num%2 == 0 — yes → print "positive &
Even"

NO

if num < 0 — yes → if num%2 == 0 — yes → print "Negative &
Even"

NO (from num%2==0) → print "positive & odd"

NO (from second num%2==0) → print "Negative & odd"

NO (from if num < 0) → print "Zero"

End
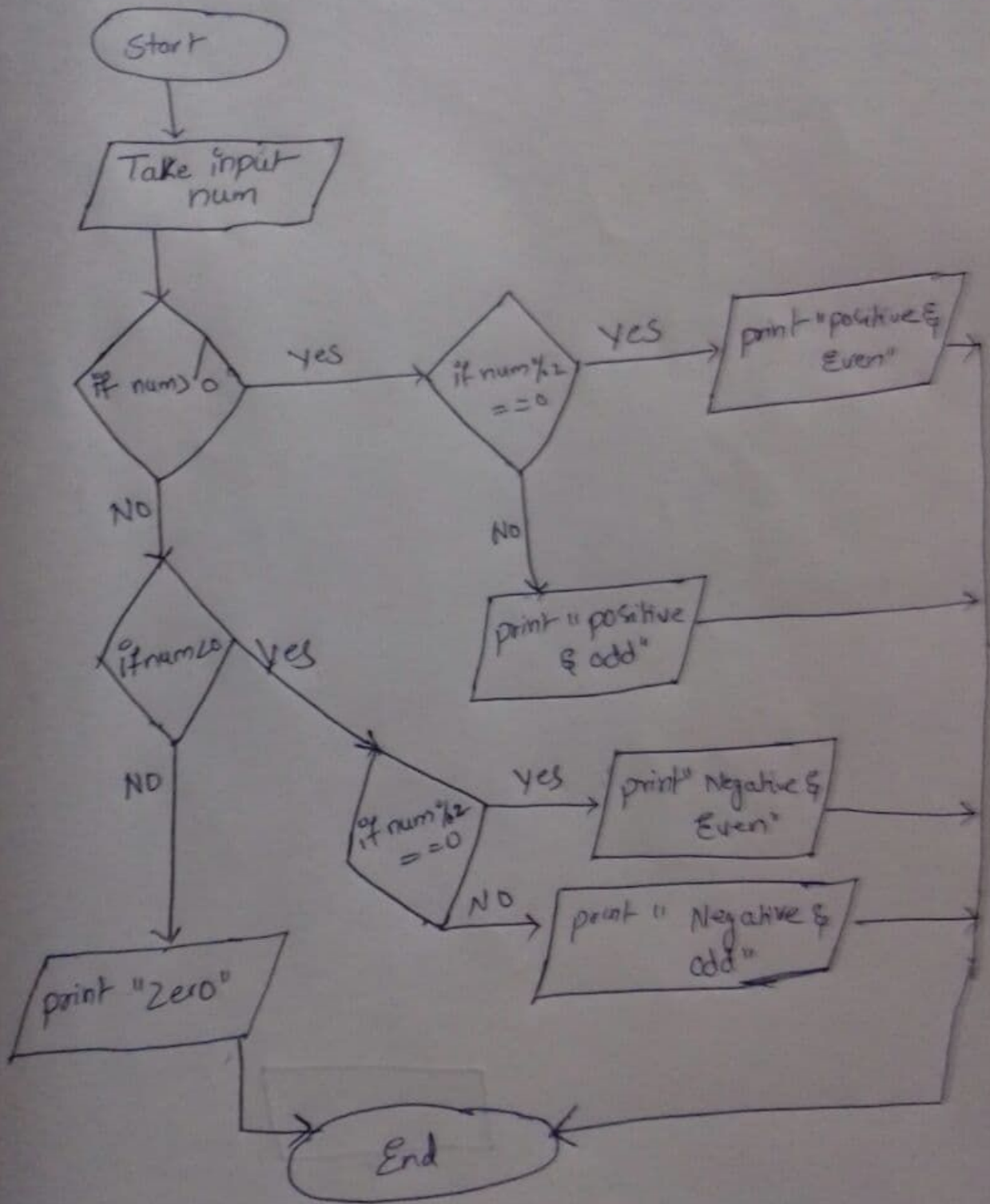
② write the pseudocode and draw the flowchart for first 10 multiples of any number.

Pseudocode:

Start
1. Take input as num.
2. X = 10 * num
3. for (int i = num; i <= x; i = i + num)
   {
      print (i)
   }

End.

Flowchart:

Start
↓
Take input "num"
↓
Assign X = 10*num
↓
if num <= X —— yes ——→ print "num"
                              ↓
                         num = num + num
          ↓ NO
Stop