

Q.3) Find missing number (only one missing)

- Steps - ①. Declare sum = 55
===== ②. Run a loop over given array and take a sum and store it in a variable
③. subtract sum - arraysum.

Flowchart

Start

Sum = 55
Arraysum = 0

for (int i=0; i<array.length; i++)

for (int i=0; i<array.length; i++)
arraysum += array[i]

Point (sum - arraysum)

End.

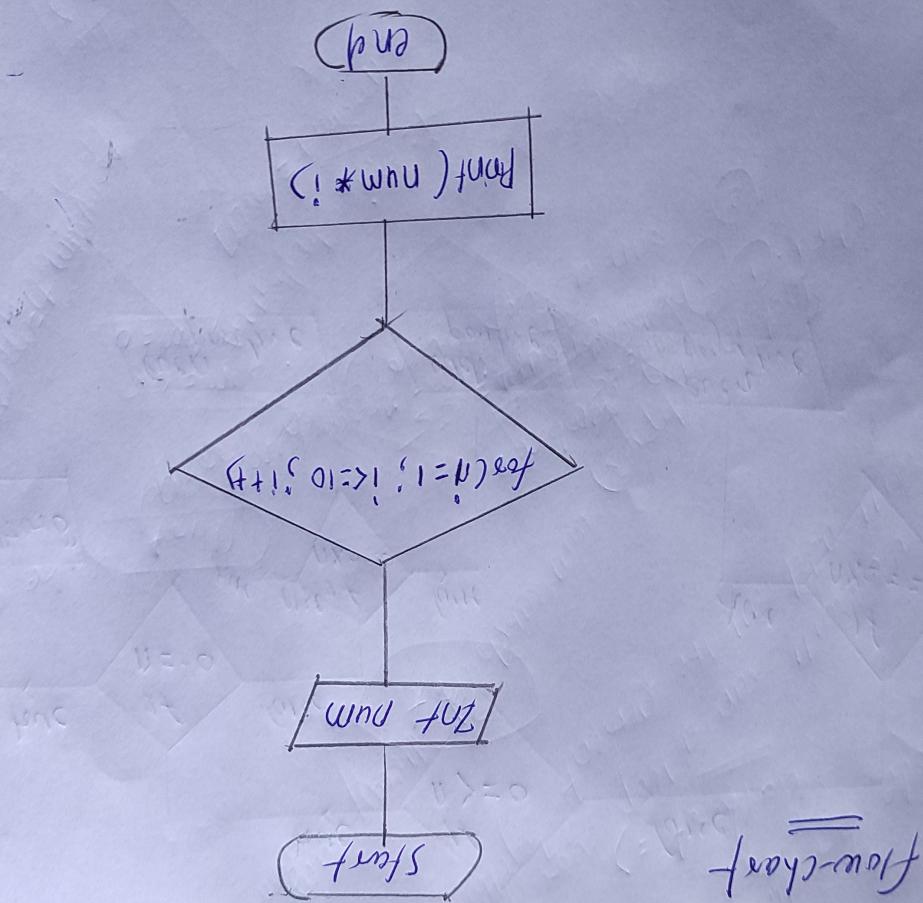
prev code

int sum = 55;
int arraysum = 0;

for (int i=0; i<array.length; i++) {
arraysum += array[i];
}
System.out.println("sum - arraysum");

for (int i=0; i<array.length; i++) {
arraysum += array[i];
}
System.out.println("sum - arraysum");

$\{$
 $\text{SOP}(n)$
 for ($i = 1; i \leq 10; i++$)
 $\quad \text{Input } n = \text{second number} + \text{Input}$
 Pseudocode :-



- Q(2) write SKPs, flowchart and pseudocode for fibo
 ① ~~Input~~ ~~for loop from 1 to 10~~ ~~if i <= 1 print i else print i + fib(i-1)~~ ④
 ② ~~Input~~ ~~for loop from 1 to 10~~ ~~if i <= 1 print i else print i + fib(i-1)~~ ③
 ③ multiply each value ⑤
 ④ steps ⑥
 of any number

Q ① even positive, odd positive, zero - flow chart

