

ASSIGNMENT 7 - 2

(a)

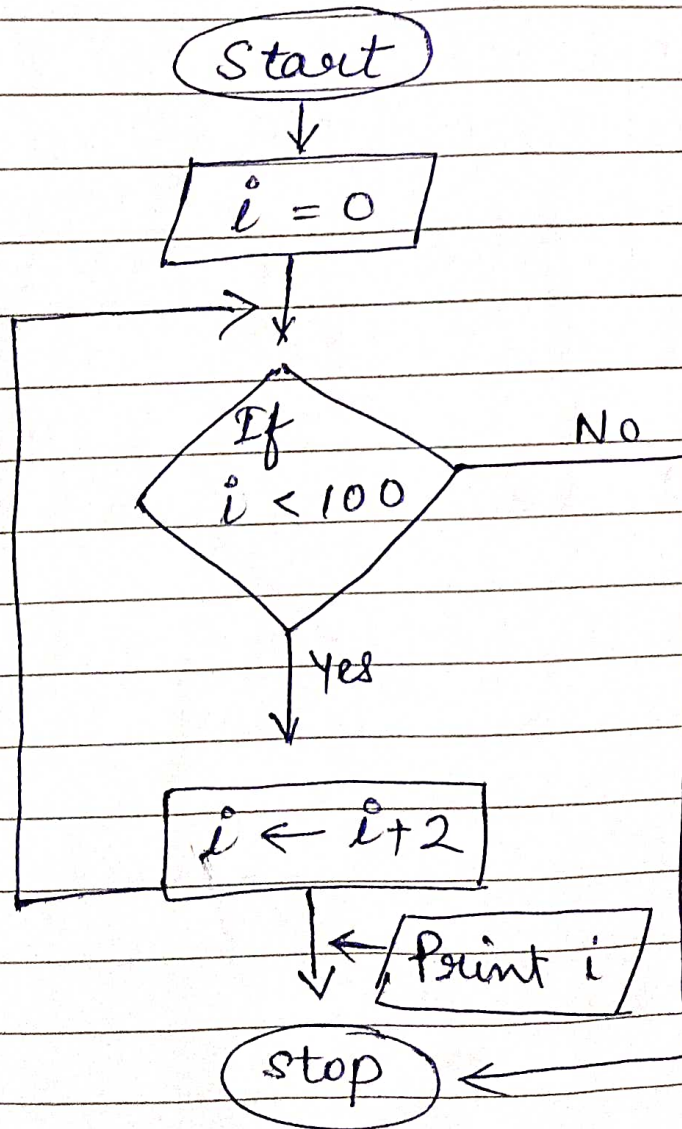
Step 1 : Start

Step 2 : Input $i = 0$

Step 3 : check if $i < 100$ and

Step 4 : If $i < 100$ then $i \leftarrow i + 2$

Step 5 : Stop.



⑥

Step 1 : Start

Step 2 : Assign $i = 0$

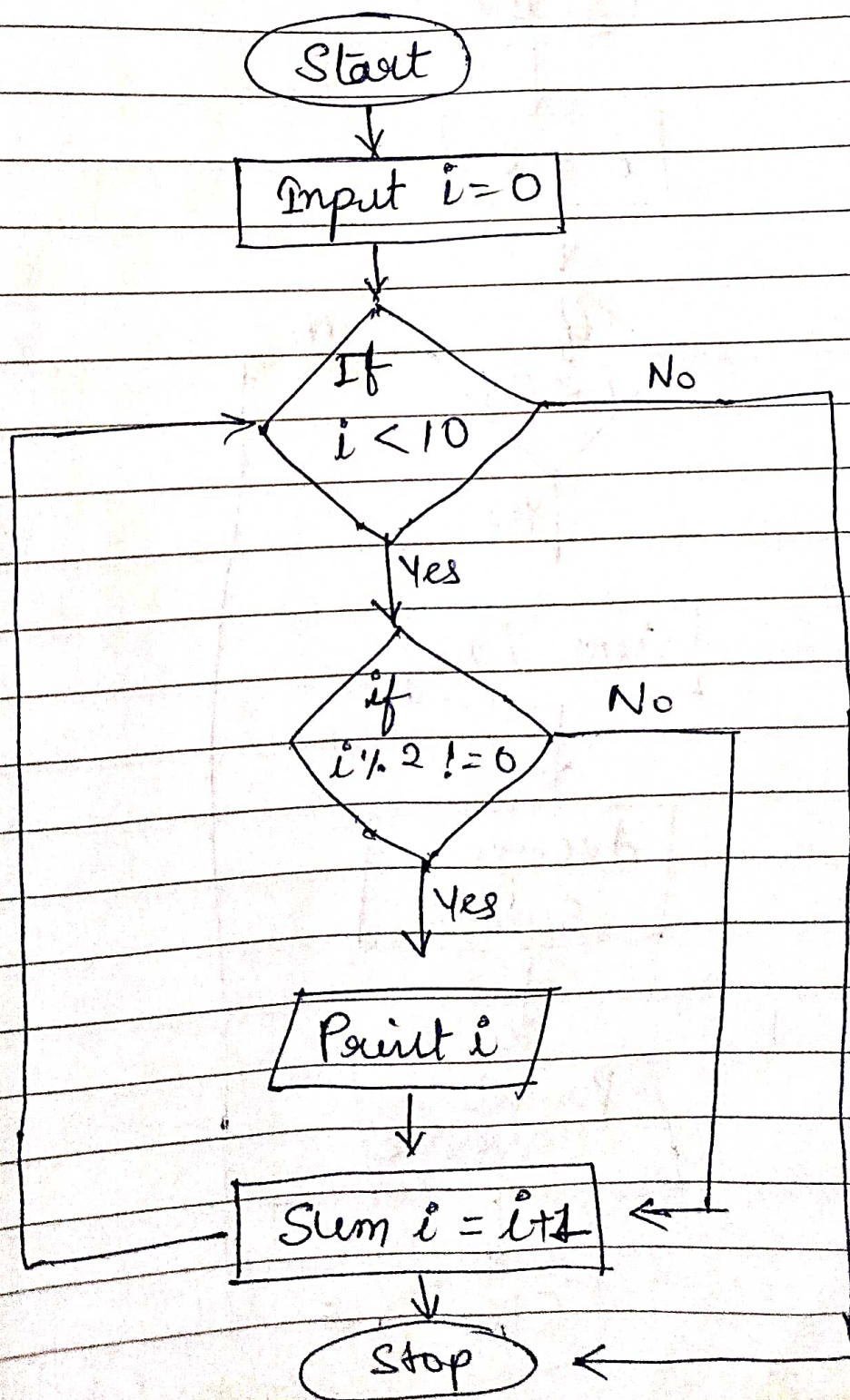
Step 3 : Let or if $i < 10$

Step 4 : if $i < 10$ then $i \% 2 \neq 0$

Step 5 : Print i

Step 6 : Sum $i \leftarrow i + 1$

Step 7 : Stop



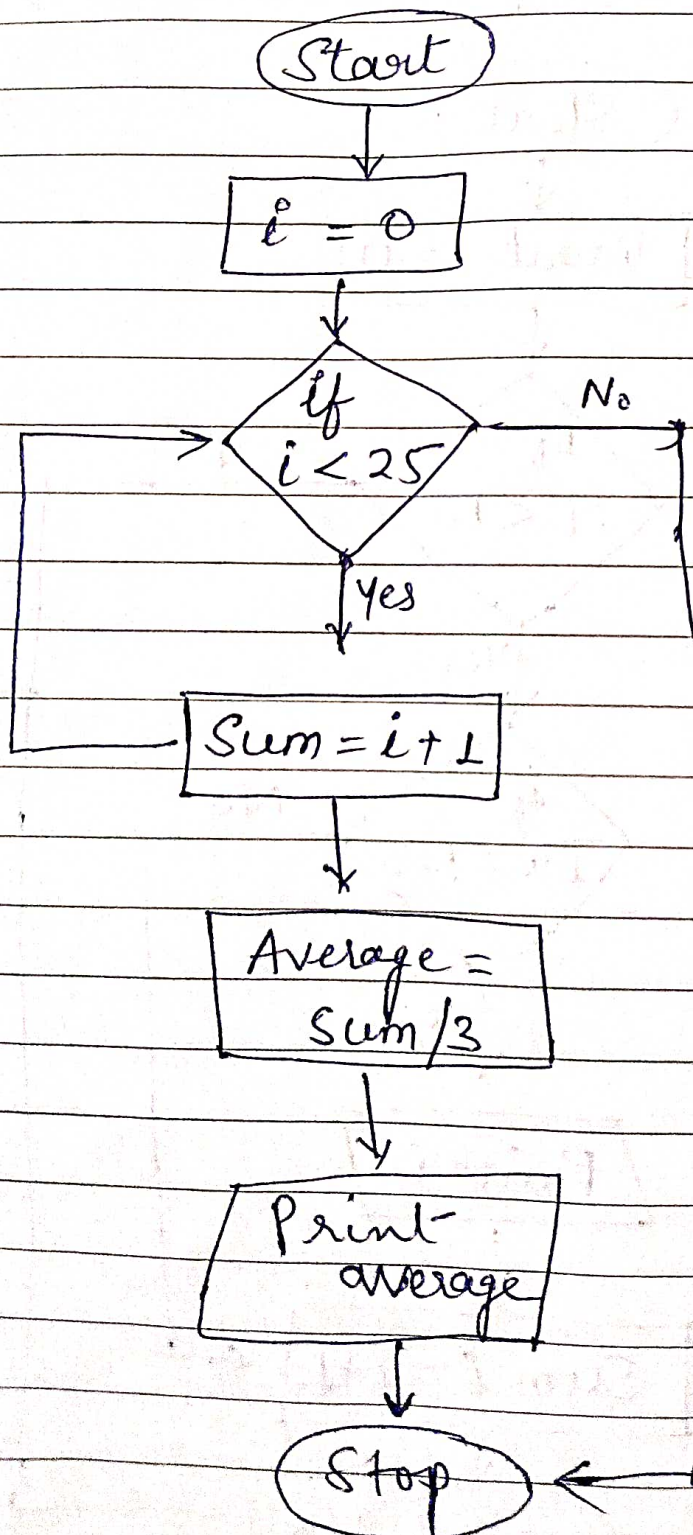
③

Step 1 : Start

Step 2 : assign $i = 0$ Step 3 : Check if $i < 25$ Step 4 : $Sum = i + 1$ Step 5 : $Average = Sum / 25$

Step 6 : Print average

Step 7 : Stop



(d)

Step 1 : start

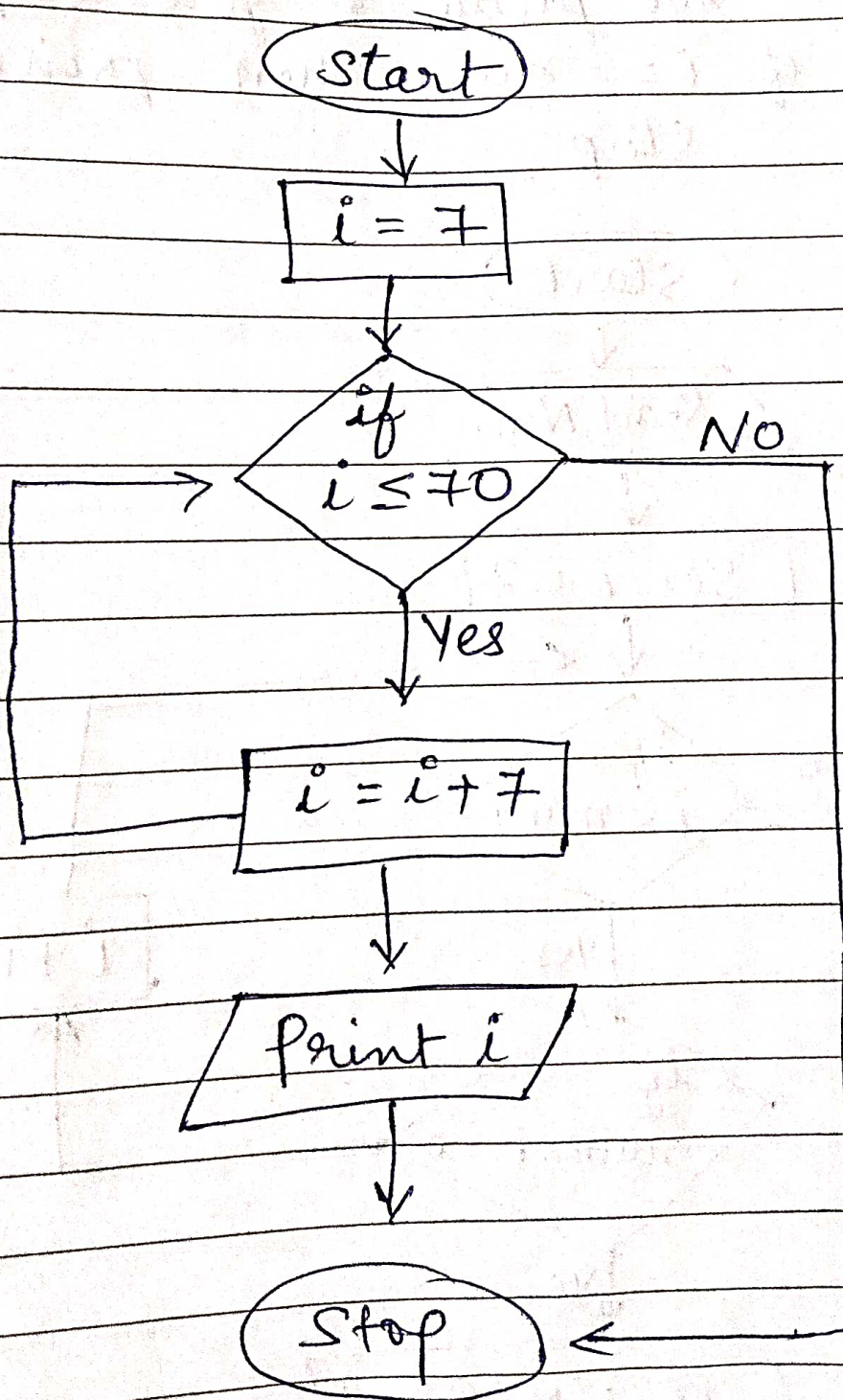
Step 2 : assign $i = 7$

Step 3 : check if $i \leq 70$

Step 4 : $i = i + 7$

Step 5 : print i

Step 6 : stop



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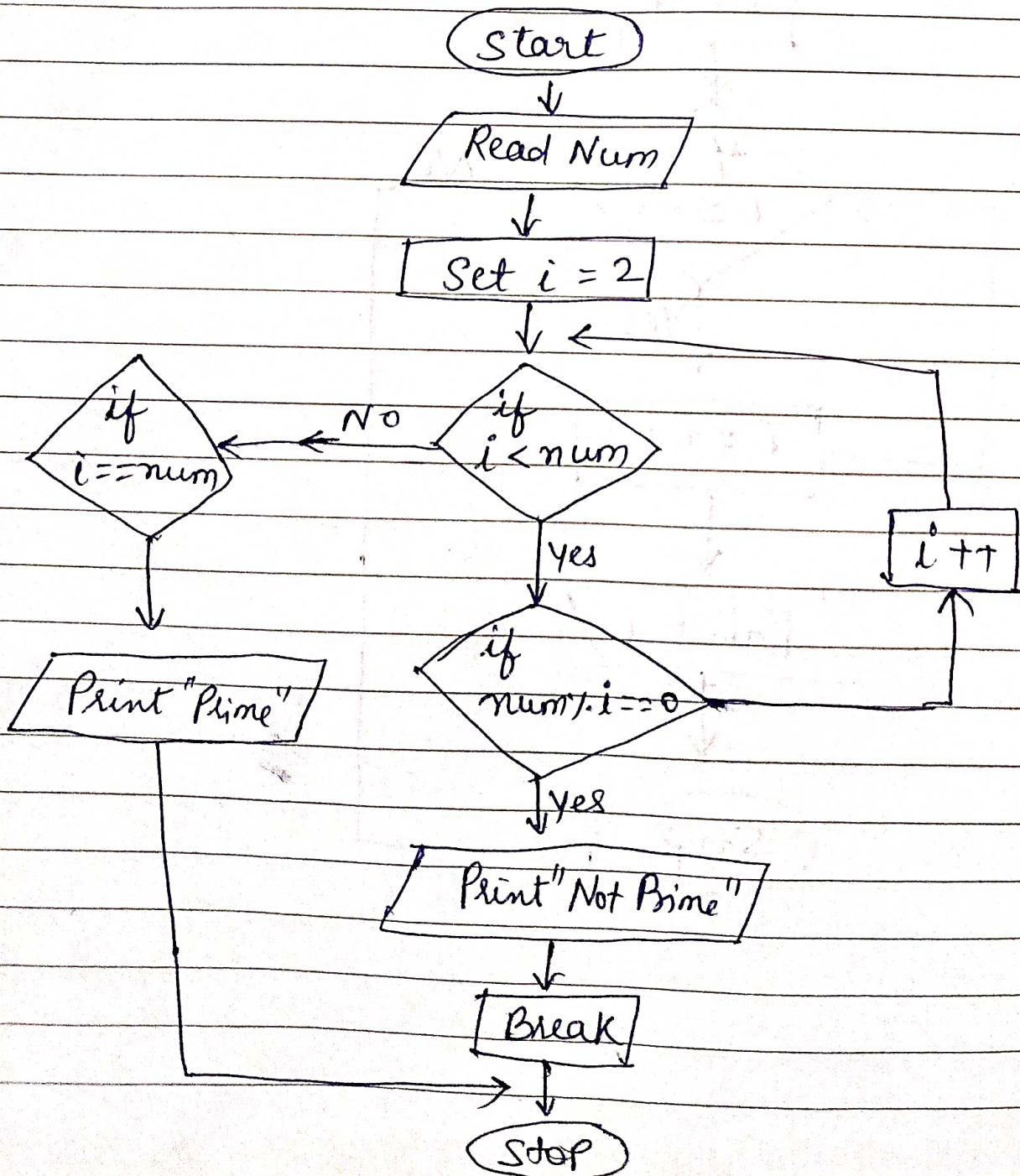
Step 1 : Start

Step 2 : Declare num & declare $i = 2$

Step 3 : Read num

Step 4 : if $i < \text{num}$ goto step 5 else goto step 6Step 5 : if $\text{num} \% i == 0$ then print "not prime" & goto step 7Step 6 : if $i == \text{num}$ then print "Prime"

Step 7 : Stop



⑦

Step 1 : start

Step 2 : assign $i = 99$

Step 3 : Check if $i \geq 1$

Step 4 : if $i \% 2 \neq 0$

Step 5 : print i

Step 6 : stop

