

Engine	Count	Number	Size	average	output
3	1	1	3	—	—
5	2	2	2	—	—
6	1	3	1	—	—
11	3	4	5	—	—
11	1	5	0	—	—
—	3	1	-1	11/5	2.2

\Rightarrow Input number 0, 1, 2, ..., 10.

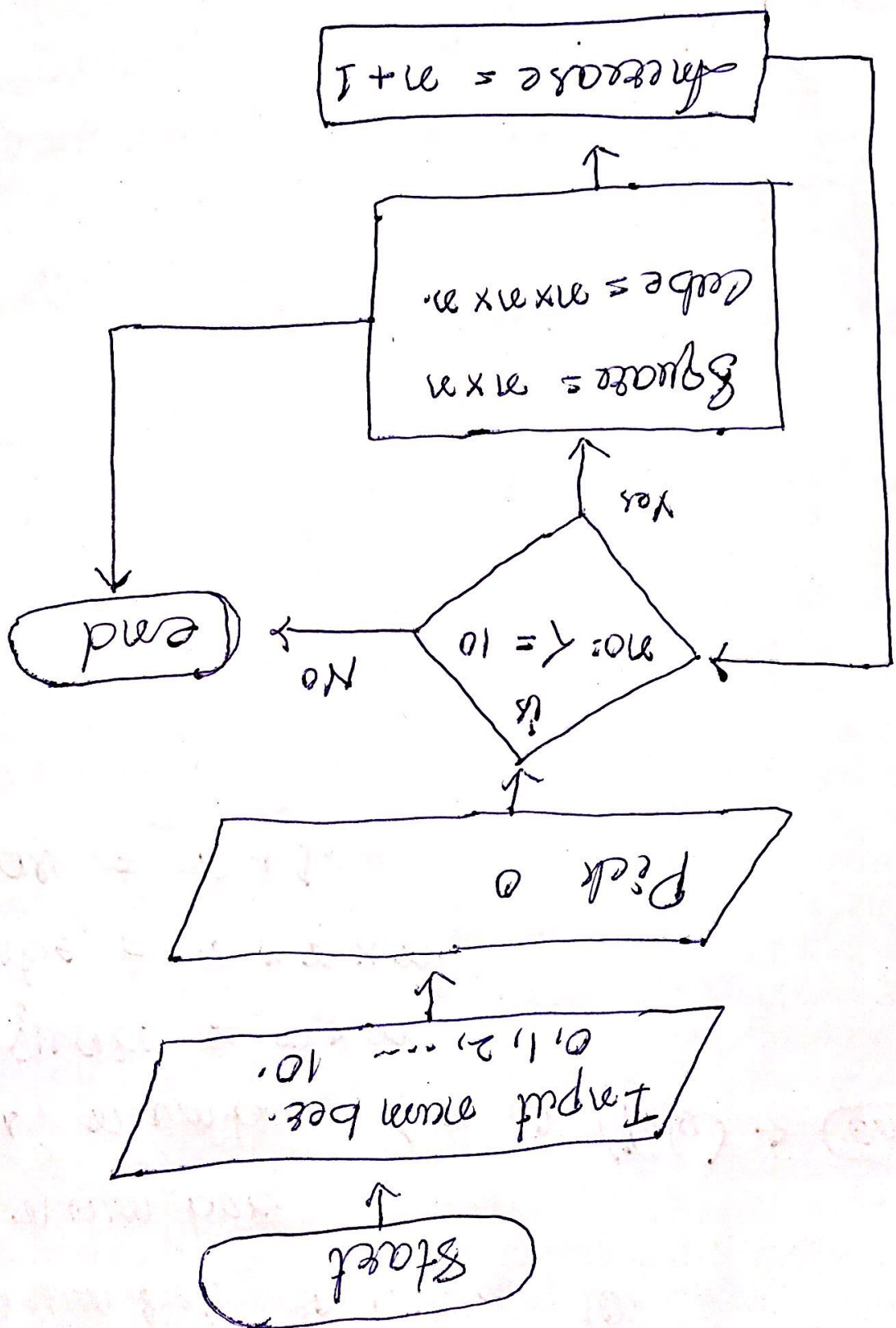
Pick a number.

check is number $\neq 10$ (False) \rightarrow

~~True~~ \rightarrow Now Square $= n \times n$

Cube $= n \times n \times n$.

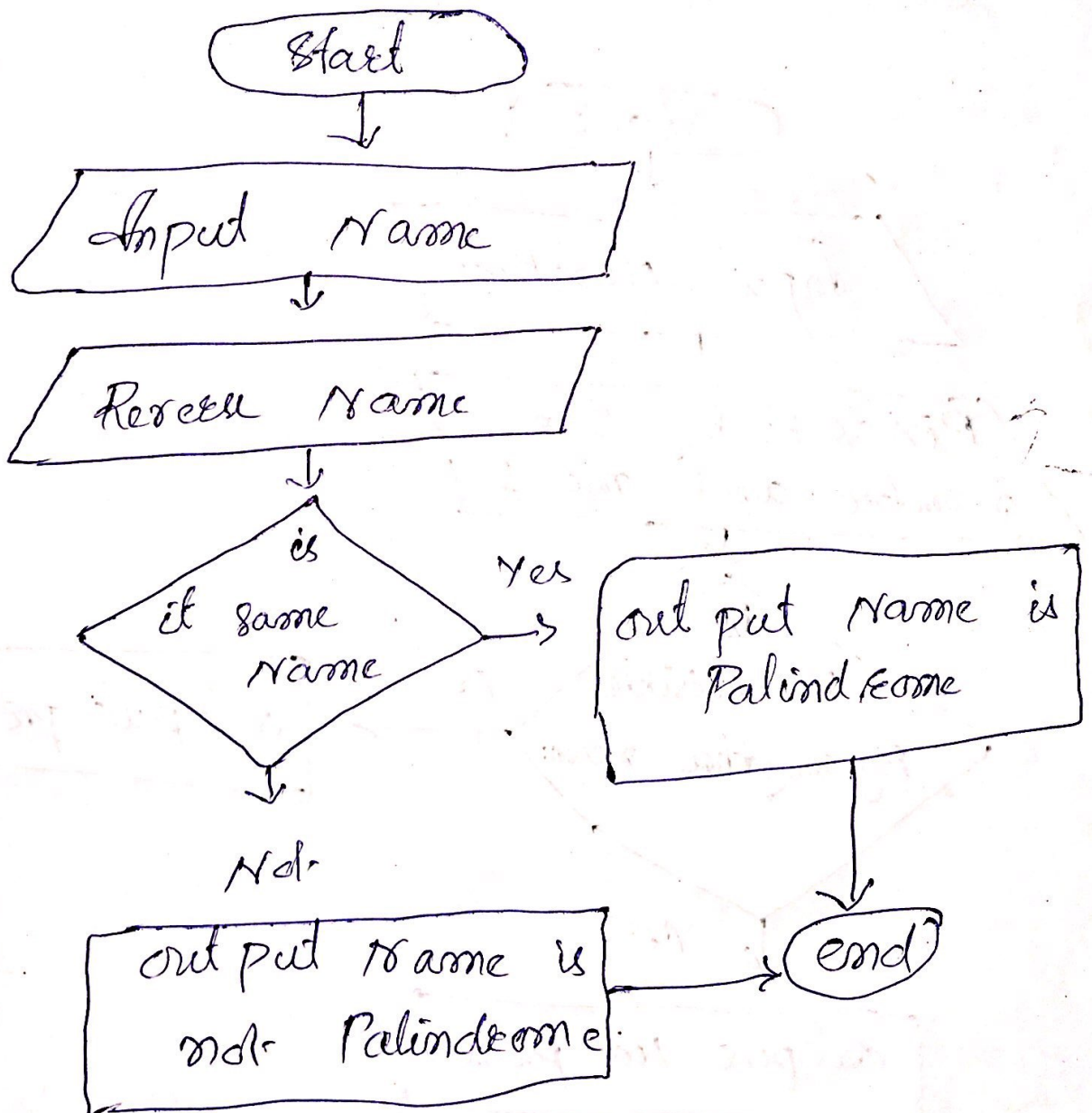
Increase $= n + 1$



(4)

⇒ Input name

Now reverse of back ward the name.
check is it same name → then → output
Name
that is not same end.

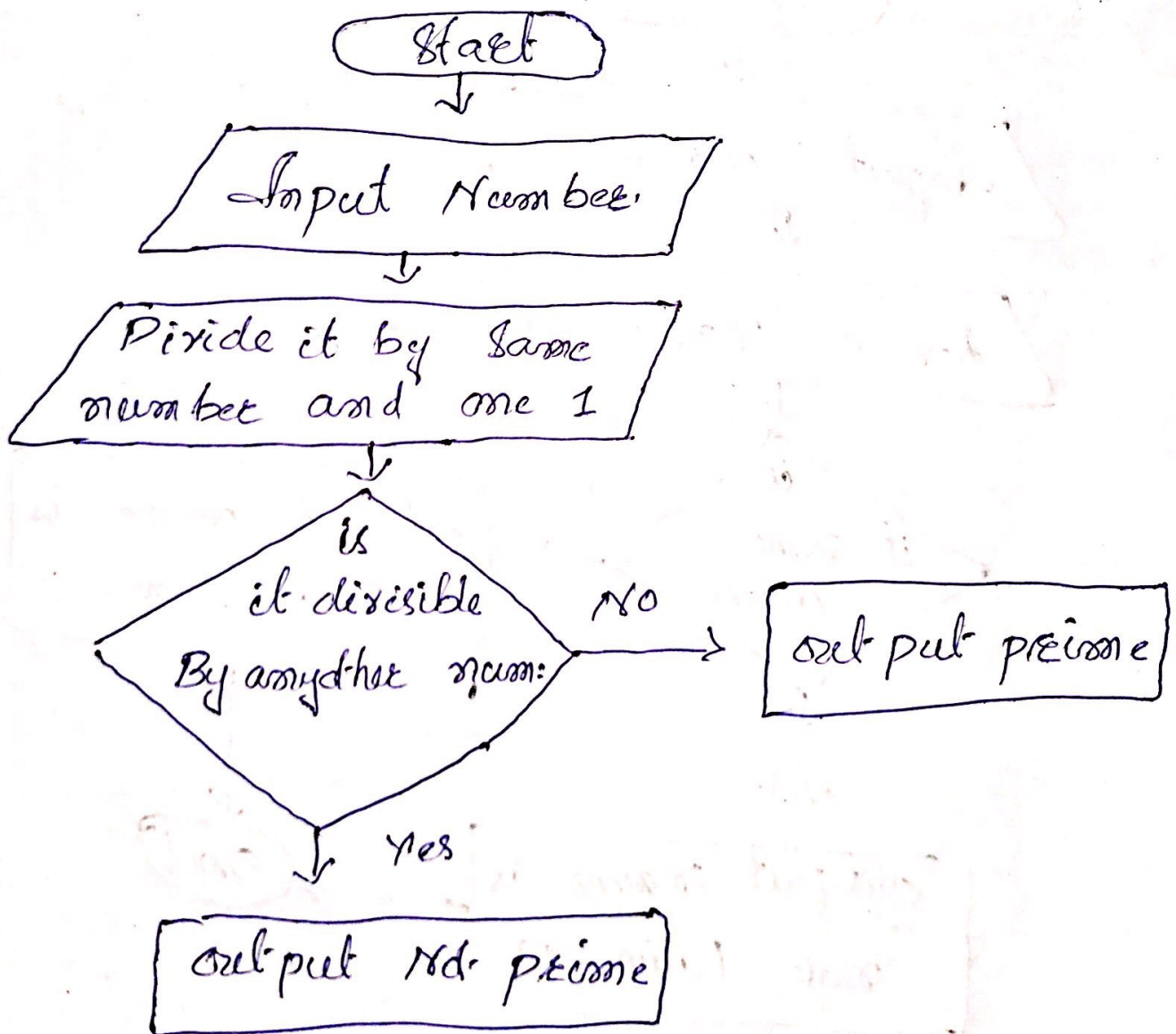


(5)

⇒ Input Number.

Divide it by same number and 1

→ If it divisible by any other number
then output not prime number
else output prime number



⇒ Set total and average to zero.

(3)

Set grade counter one while the grade counter is less than or equal to 10.

Ask student to input next grade.

Add grade to total.

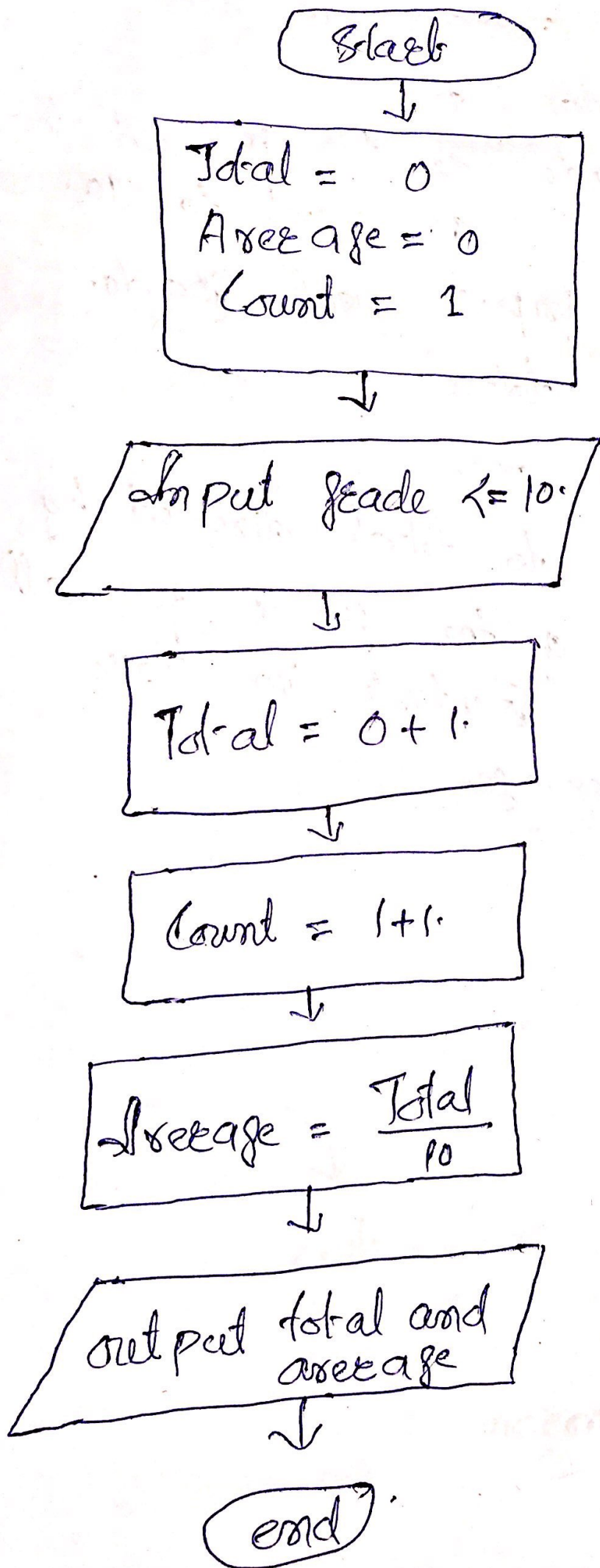
add grade to one.

Set class average to total divided by ten.

Print the total of the grades for all students in class

⇒ Print class average.

(3)



(2)

⇒ Input Percentage.

If percentage $x = 80$ then output (A)

If percentage $x = 70 < 80$ output (B)

If percentage $x = 60 < 70$ output (C)

(D)

If percentage $x = 50 < 60$ output (D)

If percentage is Below 50 then output (F)

(2).

