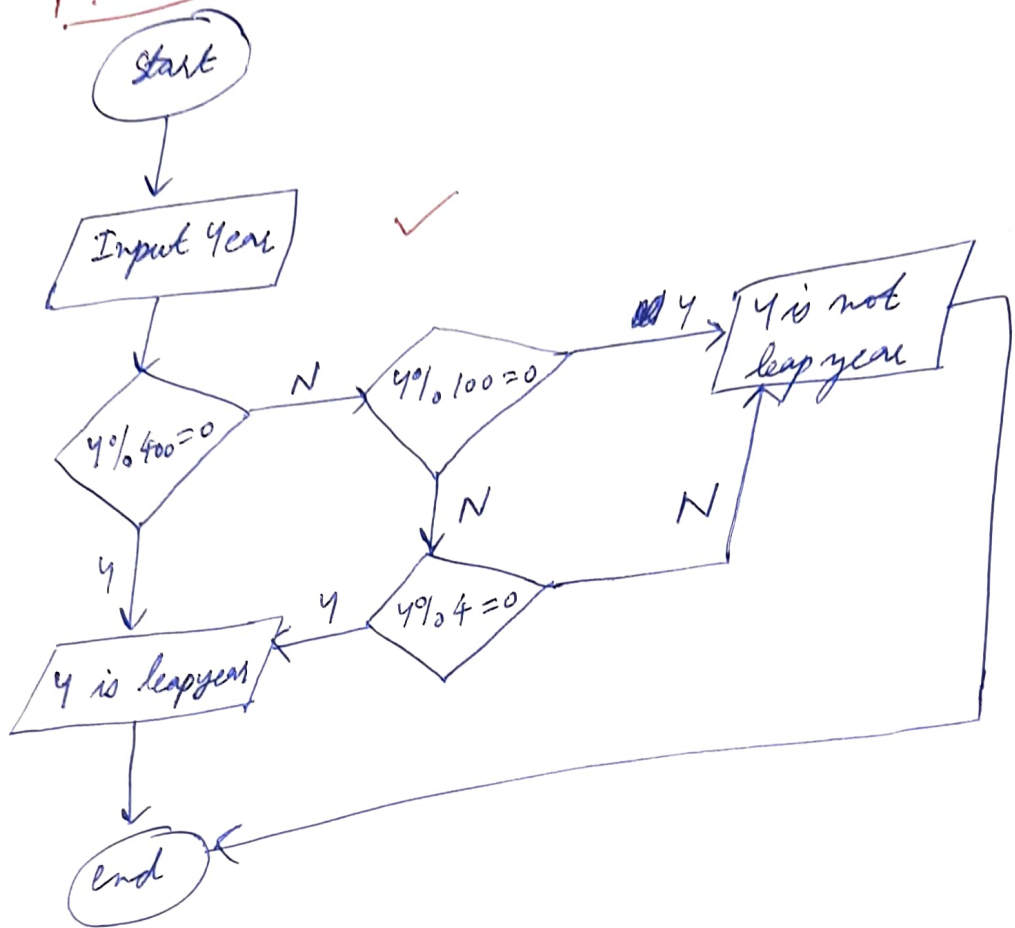


① Input year & find whether leap year or not

Flowchart



Pseudocode

Start

input year

if $y \% 400 = 0$
 print (y is leap)

else:
 if $y \% 100 = 0$
 print (y is not leap)

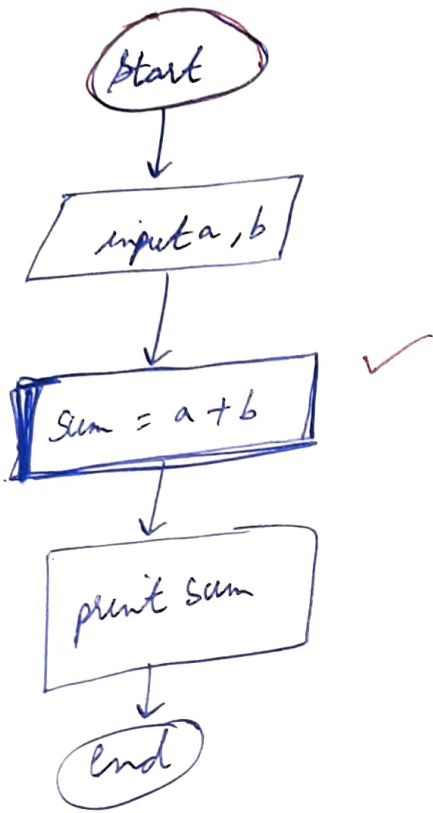
 else if $y \% 4 = 0$
 print (y is leap year)

 else print (y is not leap year).

end.

2) Take 2 numbers and print sum of both

Flowchart

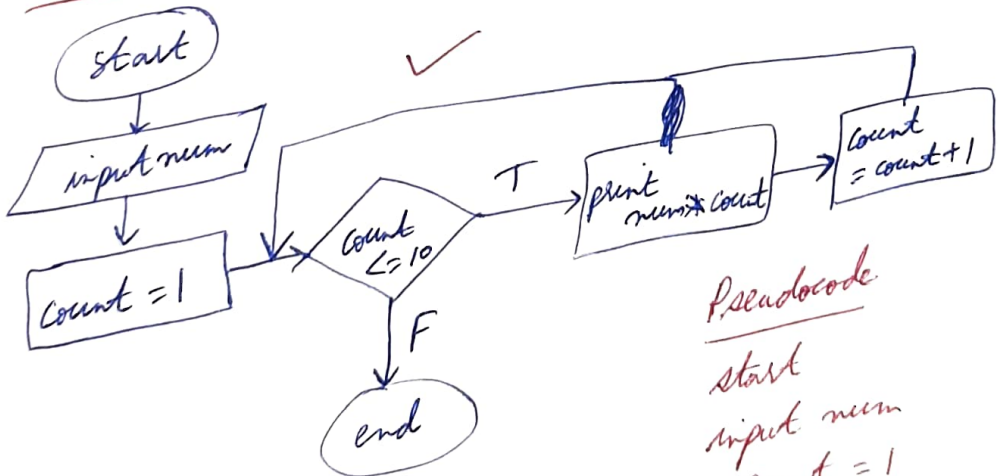


Pseudocode

Start
input a, b
sum = a + b
print sum
end

3) Take a number as input & print its multiplication table.

Flowchart

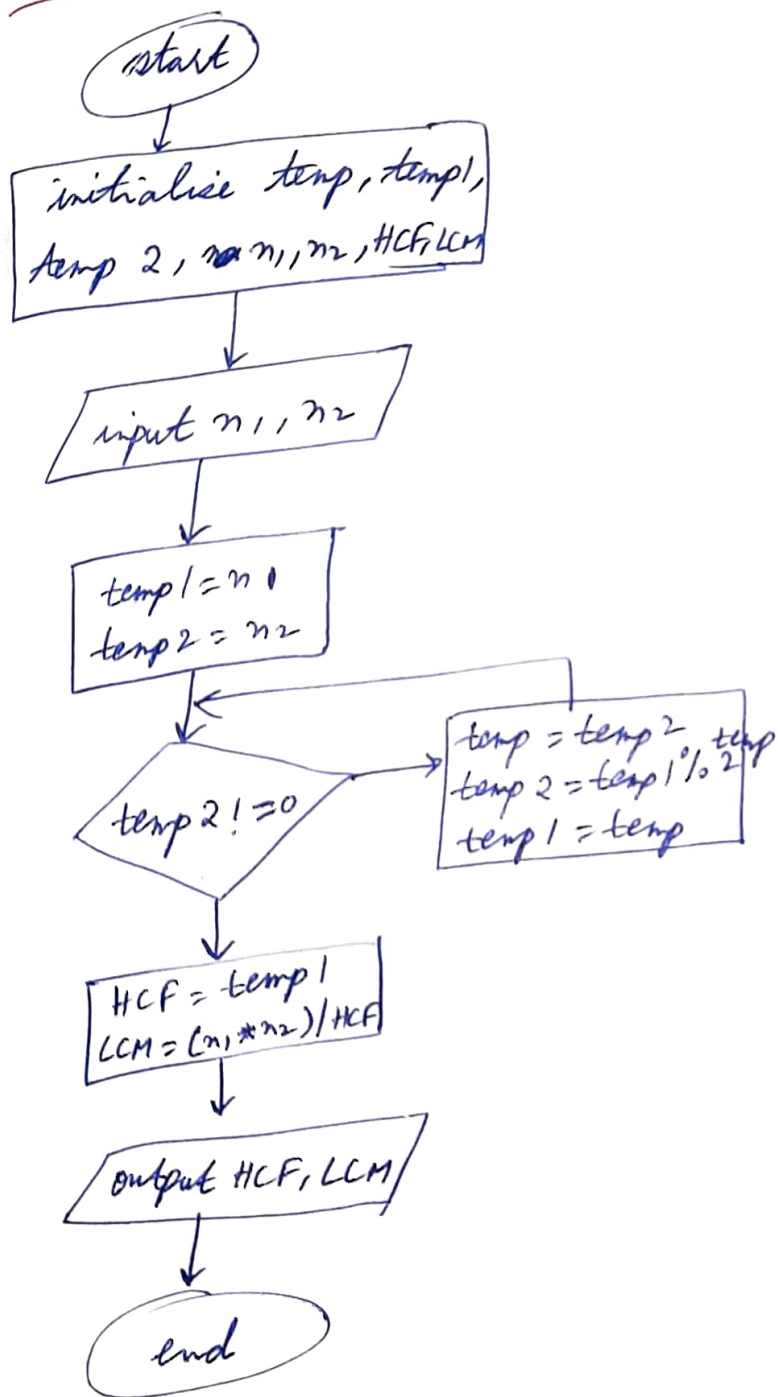


Pseudocode

start
input num
count = 1
for (int count = 1, count <= 10; count++)
{
 print (num * count);
}
end.

④ Take 2 numbers as input & find HCF & LCM

Flowchart



Pseudocode

start
initialise $t_1, t_2, t, n_1, n_2, LCM, HCF$

input n_1, n_2

$t_1 = n_1$

$t_2 = n_2$

while ($t_2 \neq 0$):

$t = t_2$

$t_2 = t_1 \% t$

$t_1 = t$

end while

$HCF = t_1$

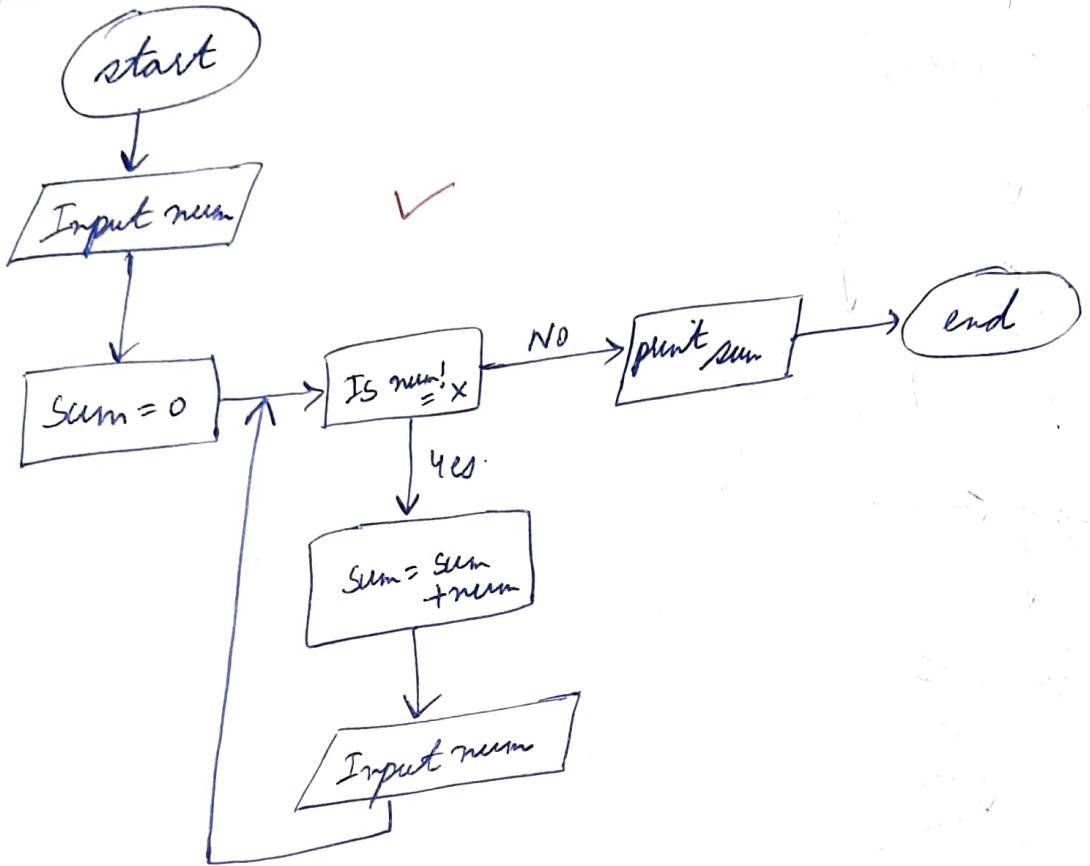
$LCM = (n_1 * n_2) / HCF$

output LCM, HCF

end

⑤ Keep taking no's as input till user enters 'n', then print sum of all.

Flowchart



Pseudocode

```
start
input num
sum = 0
while n != n ;
    sum = sum + num
end while
print sum
end
```