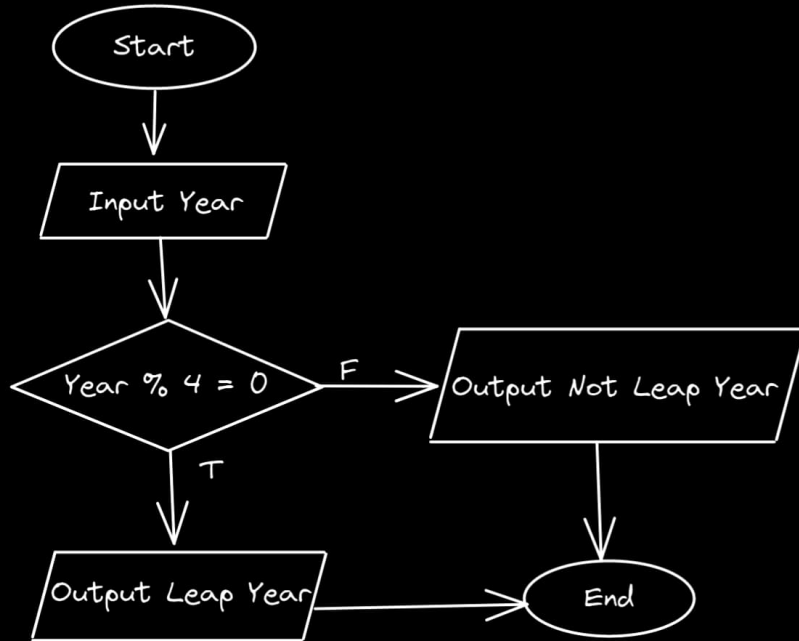


Q1. Input a year and find whether it is a leap year or not.

FLOWCHART

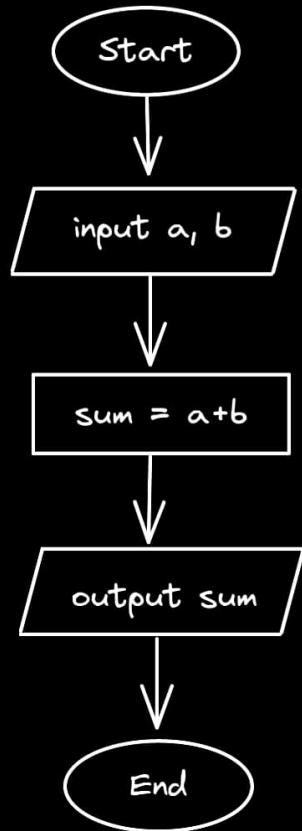


PSEUDOCODE

```
start
input Year
if Year%2=0:
    output "Leap Year"
    exit
output "Not Leap Year"
exit
```

Q2. Take two numbers and print the sum of both.

FLOWCHART

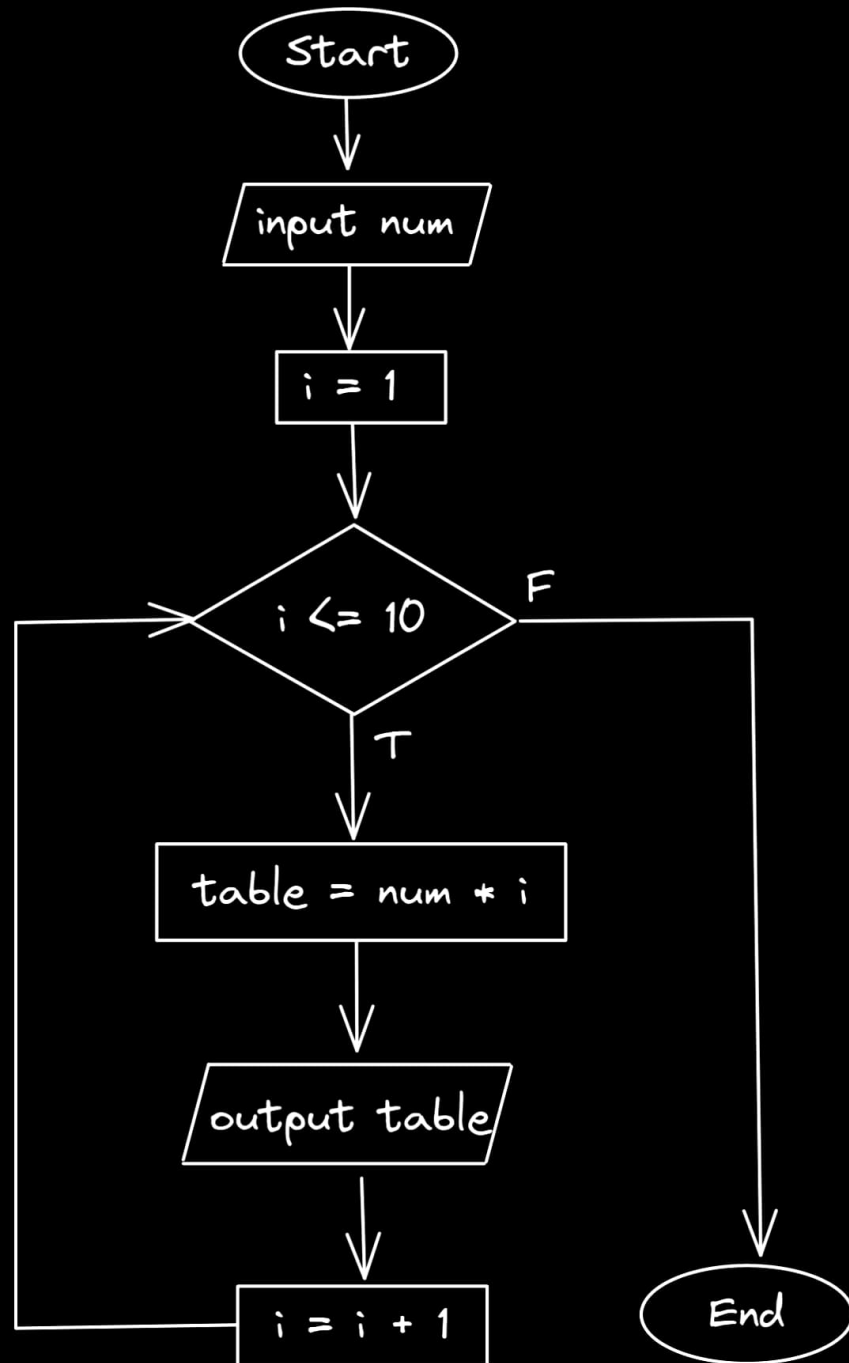


PSEUDOCODE

```
start  
input a, b  
sum = a + b  
output sum  
exit
```

Q3. Take a number as input and print the multiplication table for it.

FLOWCHART

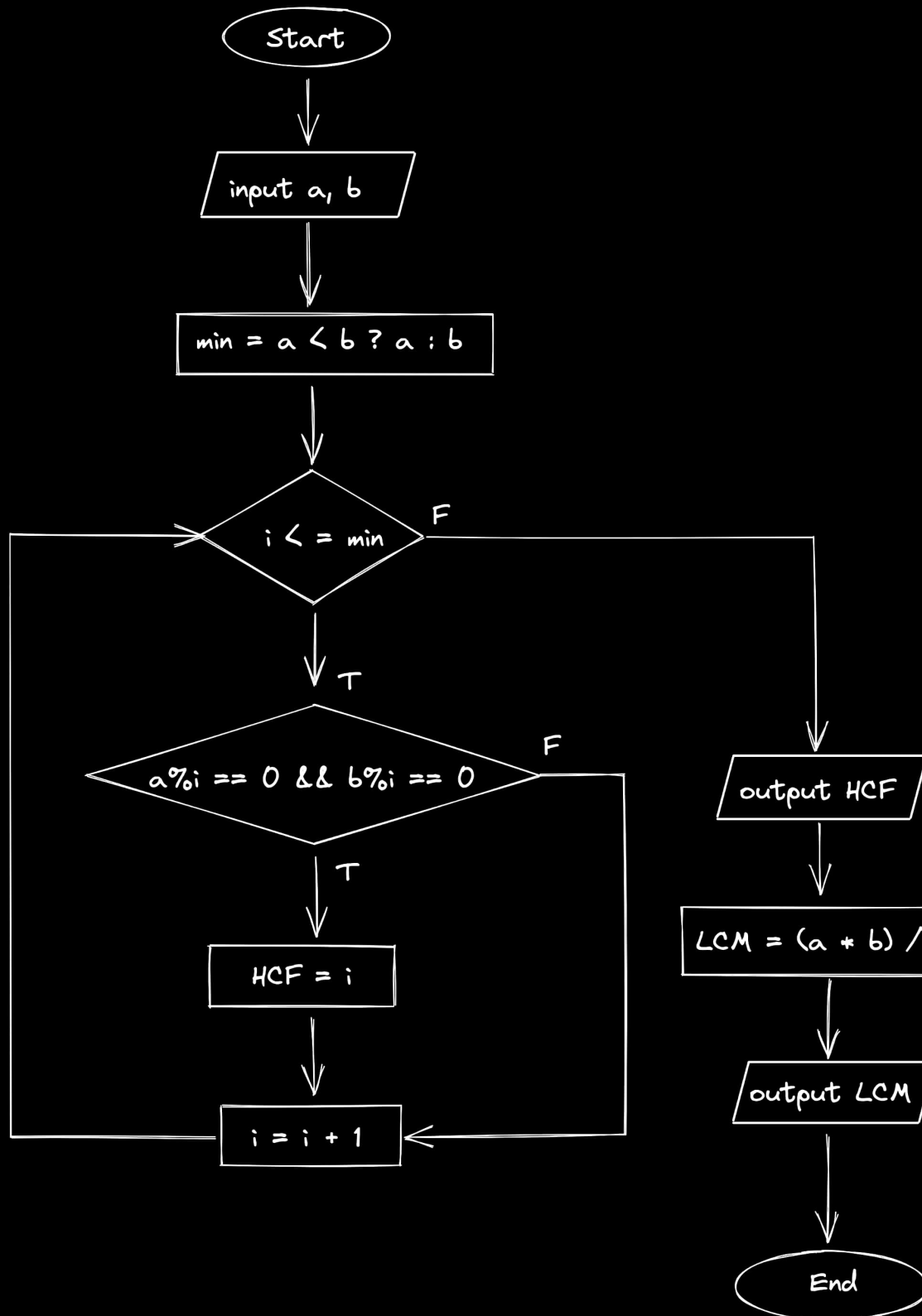


PSEUDOCODE

```
start
input num
i = 1
while i <= 10:
    table = num * i
    output table
    i = i + 1
end while
exit
```

Q4. Take 2 numbers as inputs and find their HCF and LCM.

FLOWCHART

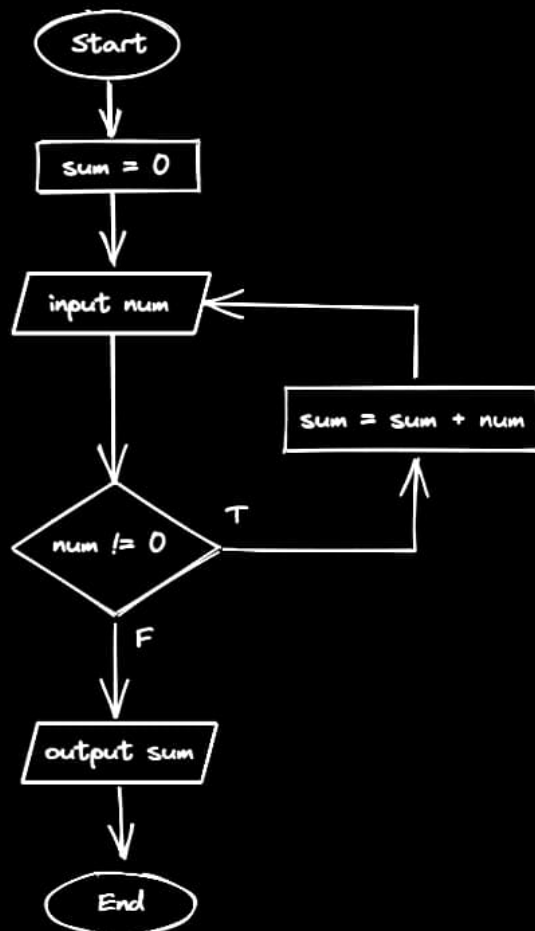


PSEUDOCODE

```
start
input a, b
i = 1
min = a < b : a ? b
while i <= min:
    if (a%i == 0 and b%i == 0):
        HCF = i
        exit
    i++;
end while
output HCF
LCM = (a*b) / HCF
output LCM
exit
```

Q5. Keep taking numbers as inputs till the user enters 0, after that print sum of all.

FLOWCHART



PSEUDOCODE

```
start
sum = 0
input num
while num != 0:
    sum = sum + num
    input num
end while
output sum
exit
```