

Solu₁=)

- Read N
- $Sum \leftarrow 0, Count \leftarrow 1$
- While $Count \leq N$ do
 Read No.
 $Sum \leftarrow Sum + No.$
end while
- Print "Sum is : " Sum
- exit.

Solu₂=)

- Read N
- $rows \leftarrow N, Count \leftarrow 0, Count1 \leftarrow 0, K \leftarrow 0, i \leftarrow 1, space \leftarrow 1$
- While $i \leq rows$ do
 While $space \leq rows - i$ do
 Print " "
 $Count \leftarrow Count + 1$
 end while
 While $K \neq 2 * i - 1$
 if $Count \leq rows - 1$ then
 Print $i + K$
 Print " "
 $Count \leftarrow Count + 1$
 end if
 else
 $Count1 \leftarrow Count1 + 1$
 ~~Print~~
 Print $i + K - 2 * Count1$
 Print " "
 end if
 $K \leftarrow K + 1$
 end while
 $Count \leftarrow 0, Count1 \leftarrow 0, K \leftarrow 0$
 Print endl or "n"
- end while
- exit

Solu 3-1

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• Read Num
• if Num > 0 then
    firstTerm ← 0
    secondTerm ← 1
    nextTerm ← 0
    if (Num == firstTerm or Num == secondTerm) then
        Print "Num belongs to Fibonacci Series"
    else
        while nextTerm < Num do
            nextTerm ← firstTerm + secondTerm
            firstTerm ← secondTerm
            secondTerm ← nextTerm
        end while
    end if
    if nextTerm == Num then
        Print "Num belongs to Fibonacci Series"
    else
        Print "Num doesn't belong to Fibonacci Series"
    endif
else
    Print "Please Enter Positive Num"
end if
• exit
```


Solu 4

- Read N
- $i \leftarrow 0, j \leftarrow 1$
- while $i \leq N$ do
 - while $j \leq i$ do
 - if $(i+j) \% 2 == 0$ then
 - Print "0"
 - end if
 - else
 - Print "1"
 - end if
 - end while
 - Print "\n"
- end while
- exit