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Problem Definition:

Find the nth number in the Fibanacci

Fibonacci Levies: A Sequence where reach unumber is the Sum of the two preceding ones starting from 0 and 1.

Example: 0,1,1,2,3,5,8

Steps to Solve.

Step 1: Road the input Value n.

Step 2: Initialize Variables

```
azolfinst fiboracci number)
   b=0 (Second fibonacci number)
Step 3: Initialize Counter count = 2.
Step H: Loop until wunt 1=n:
    Save luvrent b in temp
    Update b to a+b.
    Update a to temp.
    Incoment Count.
Step 5: Print the Value of b. Lnth tibonacci number)
Prendocade!
  Start
  Road n
  Initialize a=0, b=1, count=2
  while count 2= n
     tempib
      b = b + a
     a = temp
      count = temp +1
```

End while

Print b

End

## Explanation:

this algorithm estants from the first

It iteratively calculates the next Fibonacui mumber by isumming the previous two this process continued until desired output n is reached.

## Edge clases:

if n is 1, the output should be 0
if n is 2, the output Should be 1.