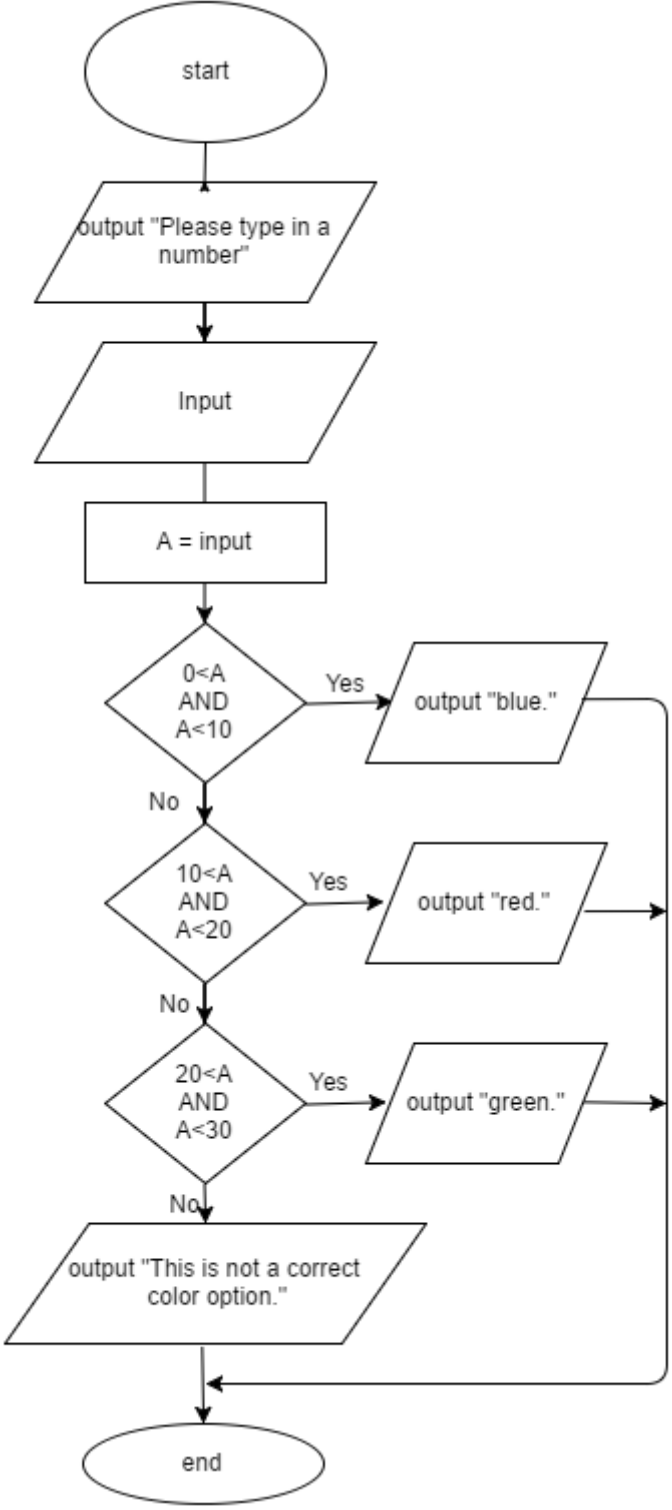
Write pseudo code that performs the following: Ask a user to enter a number. If the number is between 0 and 10, write the word blue. If the number is between 10 and 20, write the word red. If the number is between 20 and 30, write the word green. If it is any other number, write that it is not a correct color option.

Pseudocode:

```
Output “Please input a number.”
A = input
        if 0<A AND A<10, then
                output “blue.”
         else if 10<A AND A<20, then
                output “red.”
         else if 20<A AND A<30, then
              output “green.”
         else output “That is not a correct color option.”
         end if
```

FIOWCHAT



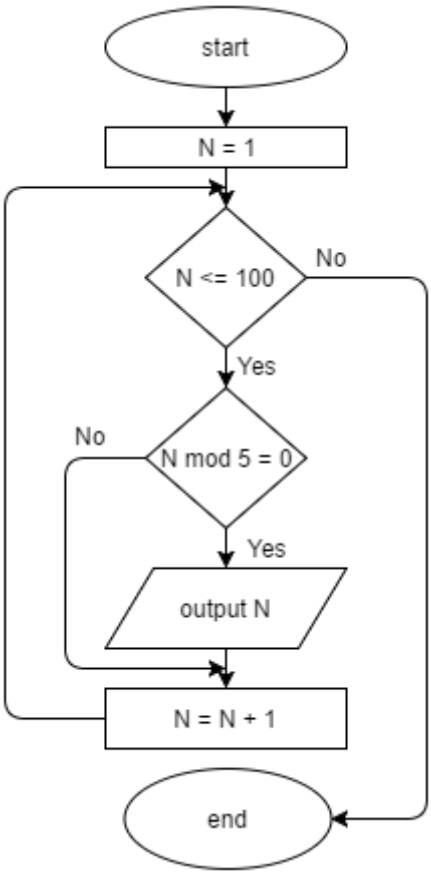
Write pseudo code to print all multiples of 5 between 1 and 100 (including both 1 and 100).

Pseudocode:

```
N =1
loop while N <= 100
```

```
  I f N mod 5 = 0 then
  output N
  end if
N++
end loop
```

FLOWCHAT



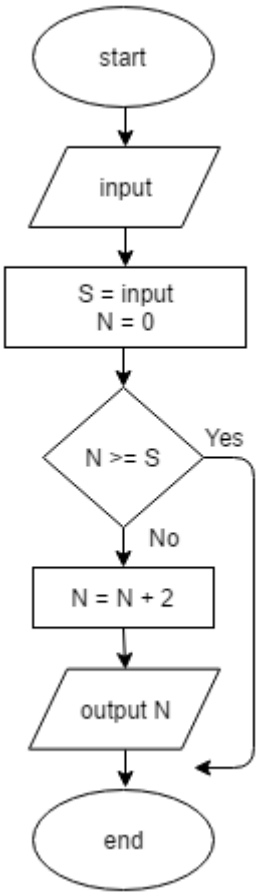
Write pseudo code that will count all the even numbers up to a user defined stopping point.

S = input

Pseudocode:

```
  N = 0
loop until N >= S
            N = N + 2
           Output N
end loop
```

FLOWCHAT



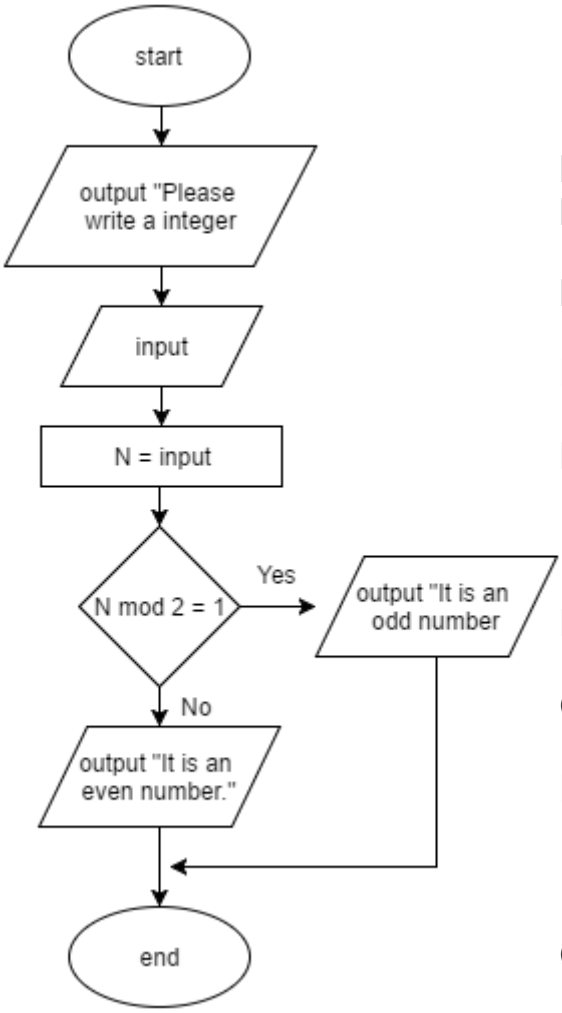
Write a pseudocode solution which will take in an integer value and determine whether that value is odd or even.

Pseudocode:

output “Please write an integer.”

```
N = input
 if N mod 2 = 1, then
          output “It is an odd number.”
else
               output “It is an even numer.”
end if
```

FLOWCHAT



Find minimum in a listPseudocode:

BEGIN READ n

FOR i=0 to n, then

READ a[i]

INCREMENT i

END FOR

COMPUTE min=a[0]

FOR i=1 to n, then

IF a[i]<min, then

CALCULATE min=a[i]

INCREMENT i

ELSE

INCREMENT i

END IF-ELSE

END FOR

PRINT min

END

FLOWCHAT