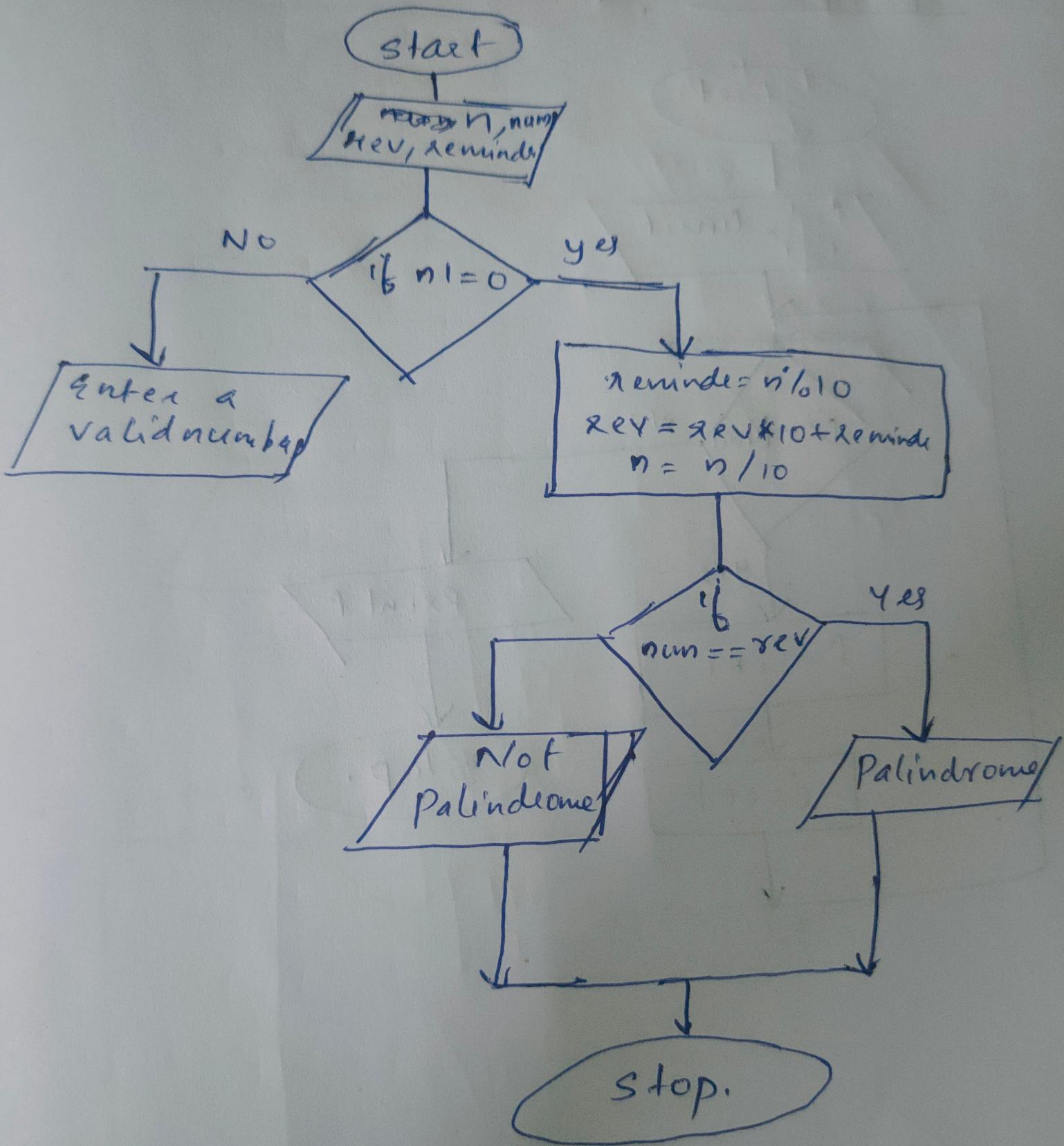
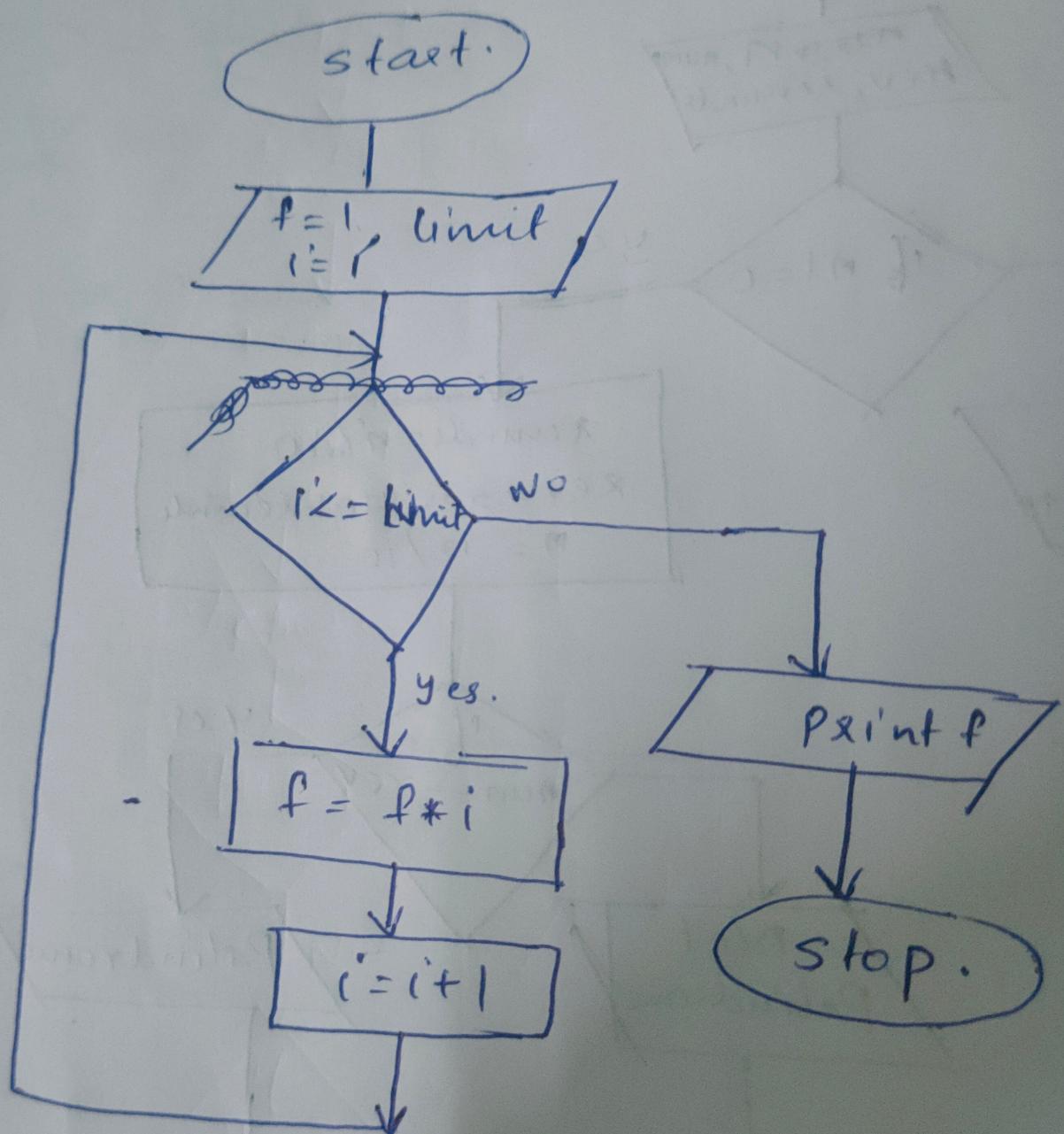


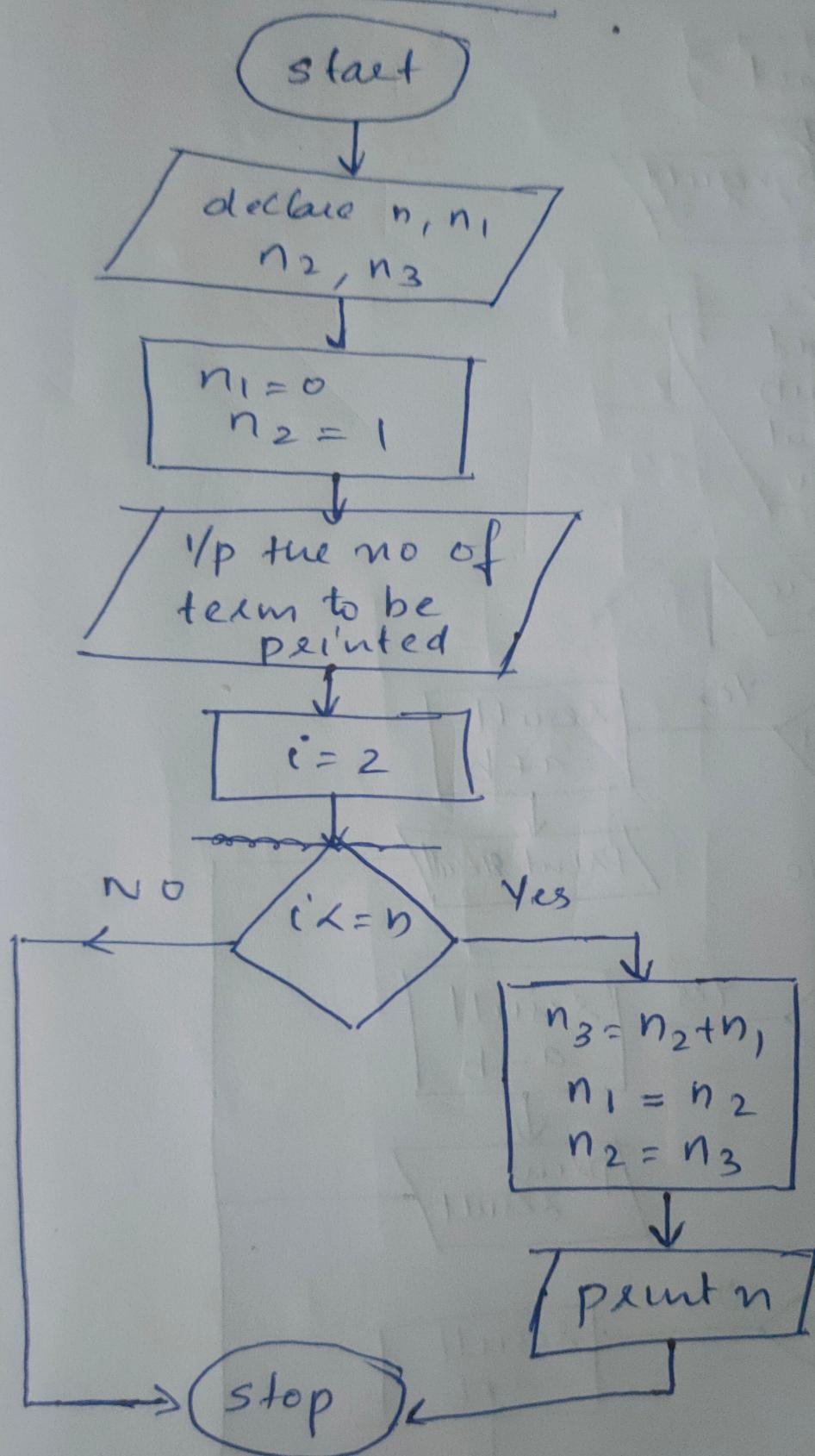
flow chart for palindrome



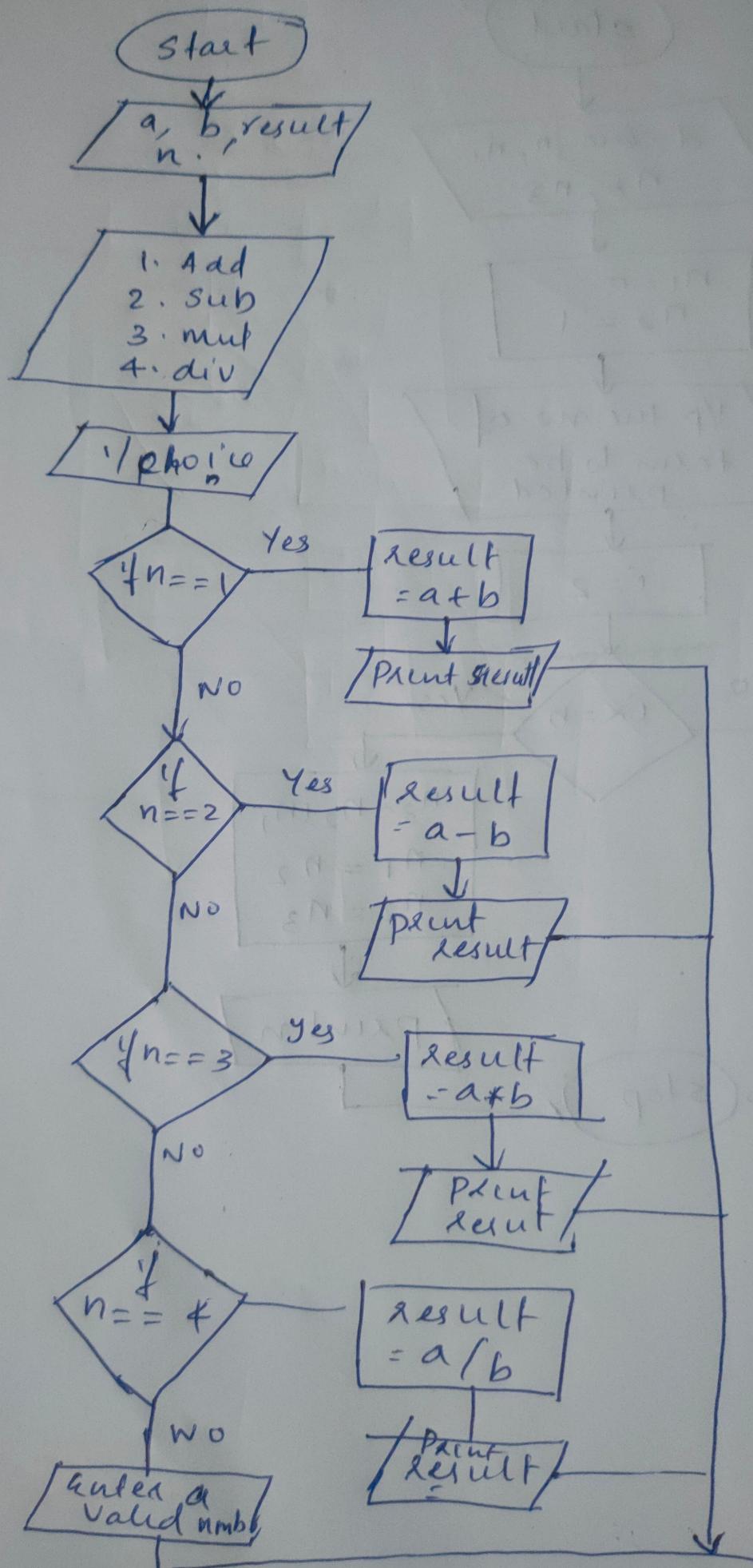
Flowchart for factorial of a number.



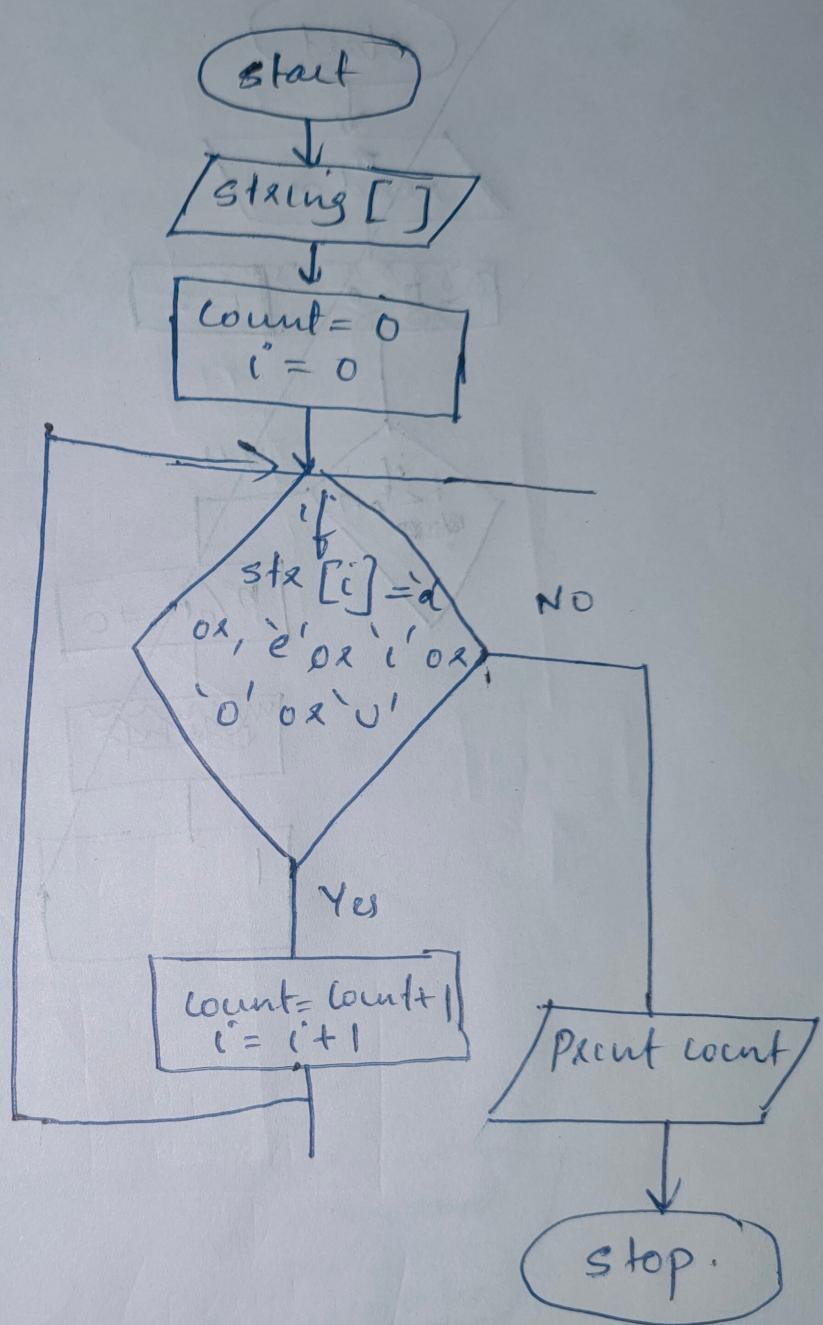
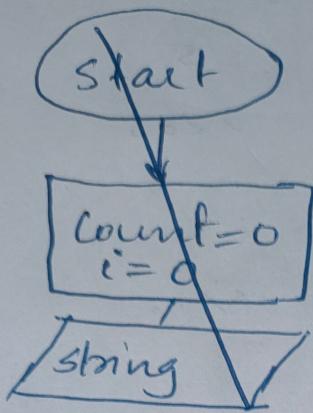
Flow chart of Fibonacci series.



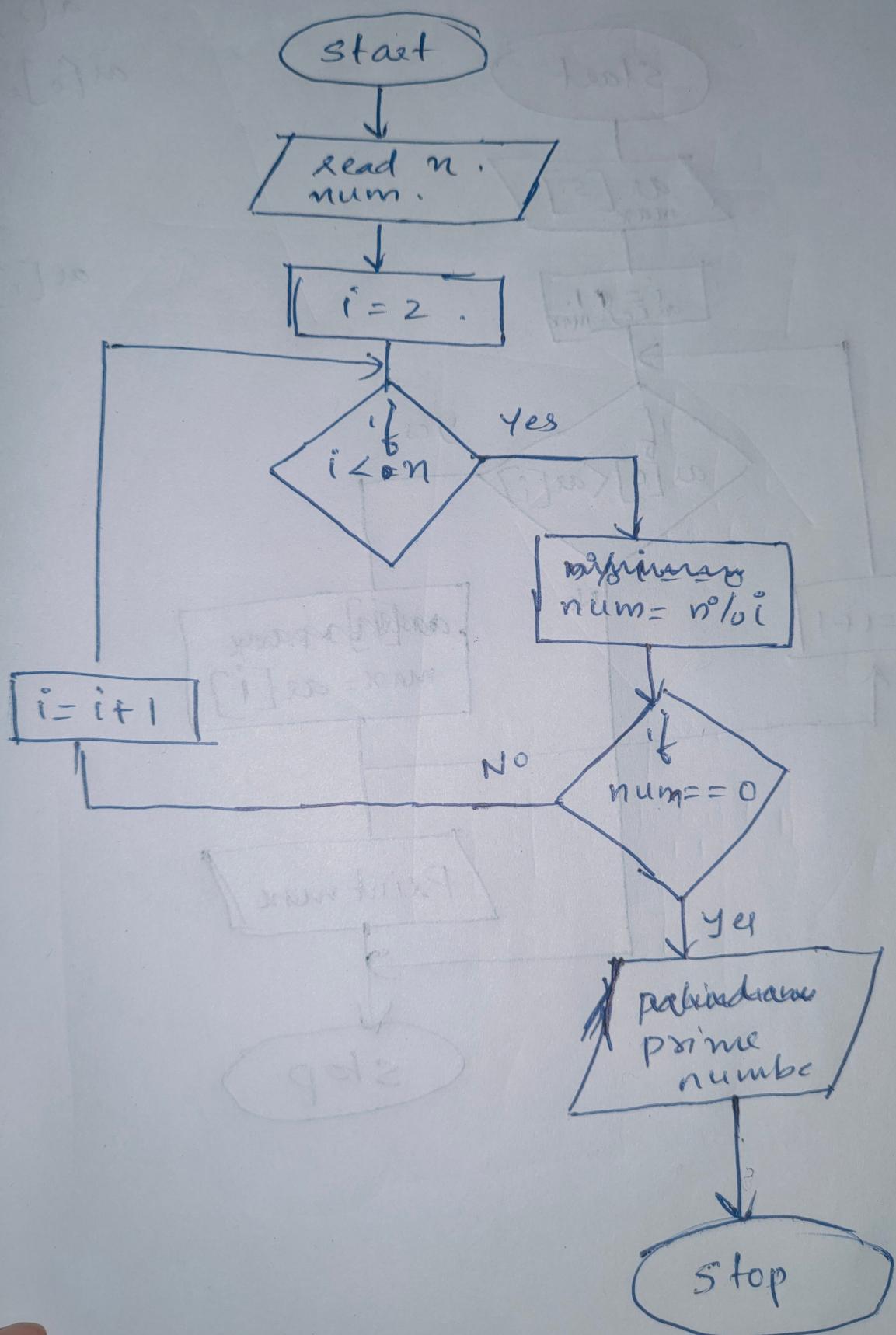
Simple calculator



Counting of Vowels

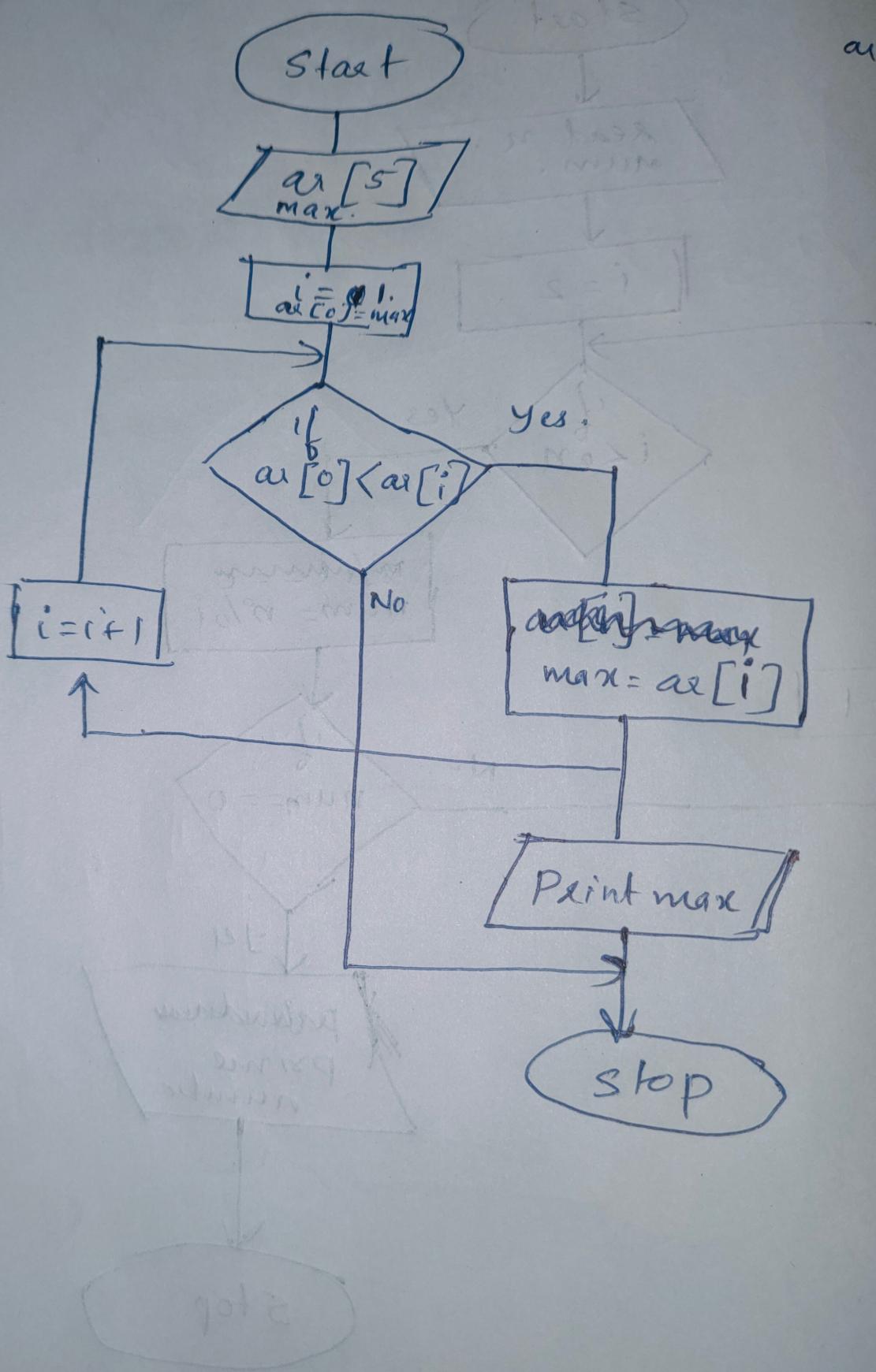


Prime no.



largest number in an array

$a[0], a[1]$
 $a[2]$
 $a[0] =$



fibonacci series:

```
declare the nmbr n , n1,n2,n3,i  
limit of the number  
initilaize n1= 0 , n2=1  
input the nmbr of term to be printed  
print n1 and n2  
using a for loop until the limit begin from 1=2  
n3=n1+n2  
print n3 as next nmbr  
n1=n2  
n2=n3
```

factorial of a nmber :

```
declare f , limit  
initialize f = 1  
using a for loop  
f=f*i  
increment the value of i until the limit  
print the value of f as factorial
```

palindrome :

```
declare n , reminder , rev  
while (n!=0)  
reminder=n%10  
rev = rev*10 + reminder  
n=n/10  
check if n== rev  
print the nmber as palindrome  
else not
```

largest nmber in an array:

```
declare ar[]  
initialize variable max  
using for loop ar[i]  
compare tha current value with max  
if it is true , print max as the largest nmbr
```

counting of vowels :

```
intilaize string , count =0  
declare an array of vowels  
checking the elemnts for vowels  
if yes , incrementing the value of count  
print the count a the nmbr Of vowels in the string
```

Basic calculator

```
declare two variables a,b, result , n  
ask for 1.add,2 sub ,3.mul, 4.div  
input tha value as n  
if (n=1){  
    result=a+b  
}  
else if (n=2){  
    result = a-b  
}  
else if(n =3){  
    result = a*b  
}
```

```
else if{
    result = a/b
}
print result
else{
    print a statement to show the user to type a valid nmbr
```

prime or not:

```
enter a nmbr n
check the nmbr is divisible from the range 2 to that nmbr
if yes the given nmbr is prime
else not prime
```