Nested student challenge #1

1)To Print prime numbers 1-100.

#For finding numbers like if a number is given you have to do the count the factors of a number you have to make counts count=0. Then for I in range (1, n). From 1 to n itself we have write (n+1) .Here condition if n%1==0

- Giving value zero so we have to increment to check whether a no. is prime or not we have to count the factors and find the number of factors.

- Outside of this for loop we have to write if count==2:

- Then we have to print that .Because , it's a prime number.

   Otherwise doesn't need to print it.

So, the task here is printing prime number from 1to100 so, the value of this ranges from 1 to 100.

- we can write this entire logic inside a for loop

input:

```
for n in range(1,100+1):
    count = 0
    for i in range(1,n+1):
        if n%i == 0:
            count += 1
            if count == 2:
                print(n)
```

output:

2

3

4

5

6 …… 10 … 20 … 30 … 40……100