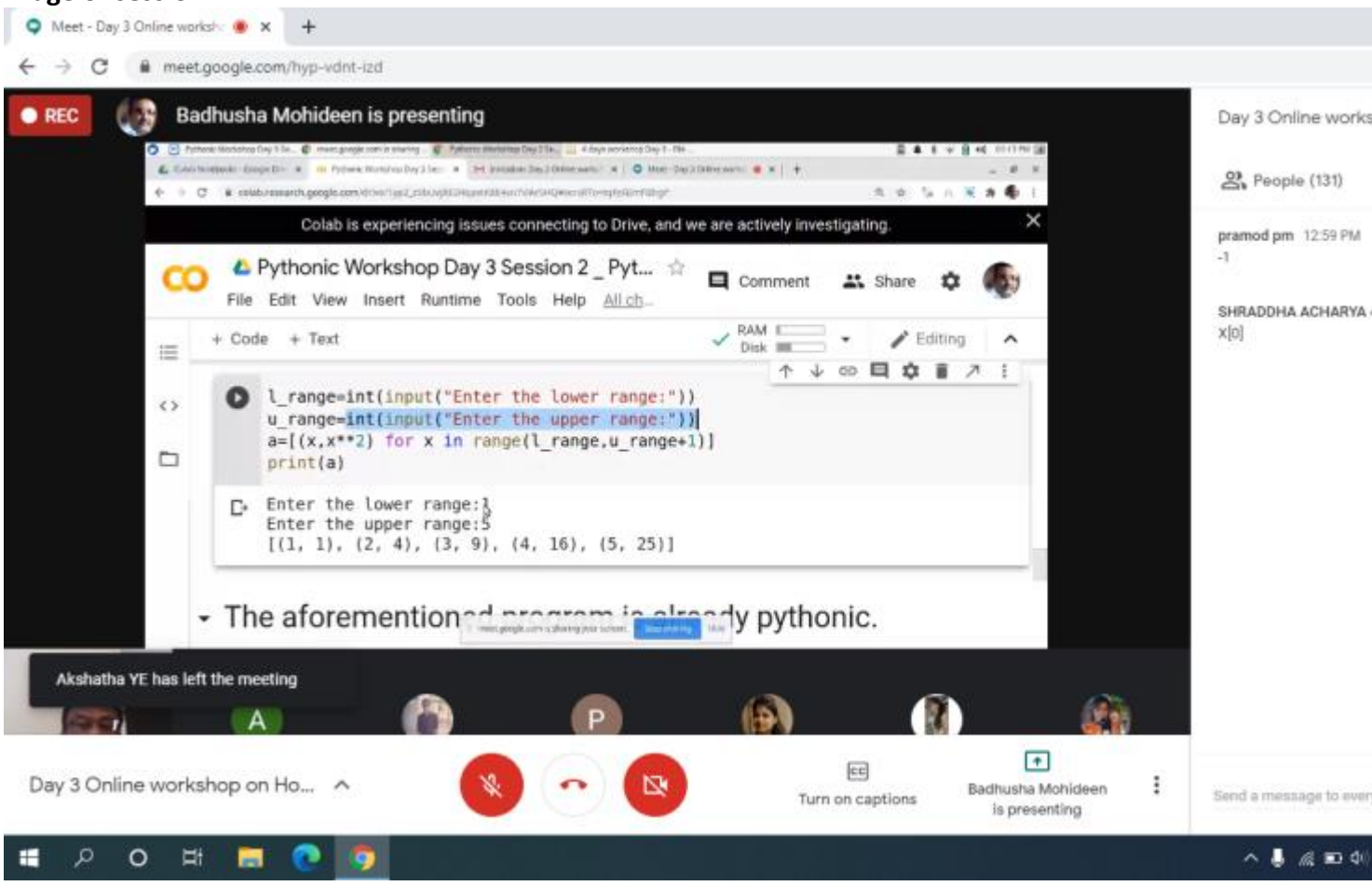
DAILY ASSESSMENT FORMAT

Date:	**23nd July 2020**	**Name:**	**Poorvi j gowfda**
Course:	**How to develop pythonic coding rather than python coding**	**USN:**	**4AL17EC071**
Topic:	**Pythonic coding**	**Semester & Section:**	**6th sem 'B' sec**
Github Repository:	**Poorvi-2000**		

FORENOON SESSION DETAILS

Image of session



Day 3 :-

Pythonic programs :-

→
```
i = 25
for x in range(2, i//2+1):
    if i%x==0:
        print("The number {} is not prime".format(i)
        break
if x == i//2:
    print("{} is a prime number".format(i))
```

o/p :- The number 25 is not p

→
```
i = 25
for x in range(2, i//2+1):
    if i%a==0:
        print("The number {} is not prime".format
else:
    print("{} is a prime number".format(i))
```

o/p :- The number 25 is not prime.

Packaging :-

```
a,b = 2, 'my-string'
print(a)
print(b).
```

Bad unpacking :-

```
x = (1, 2, 4, 8, 16).
a = x[0]
b = x[1]
c = x[2]
d = x[3]
e = x[4]
print(a,b,c,d,e).
```

Using chaining to write console code :-

→ x = 4

print (x >= 2 and x <= 8)

→ print (2 <= x <= 8)

print (2 <= x <= 3).

Checking against None :-

x, y = 2, None.

print (x == None)

print (y == None)

print (x != None)

print (y != None)

Iterating over sequences :-

x = [1, 2, 4, 8, 16]

for i in range (len(x)):

print (x[i])