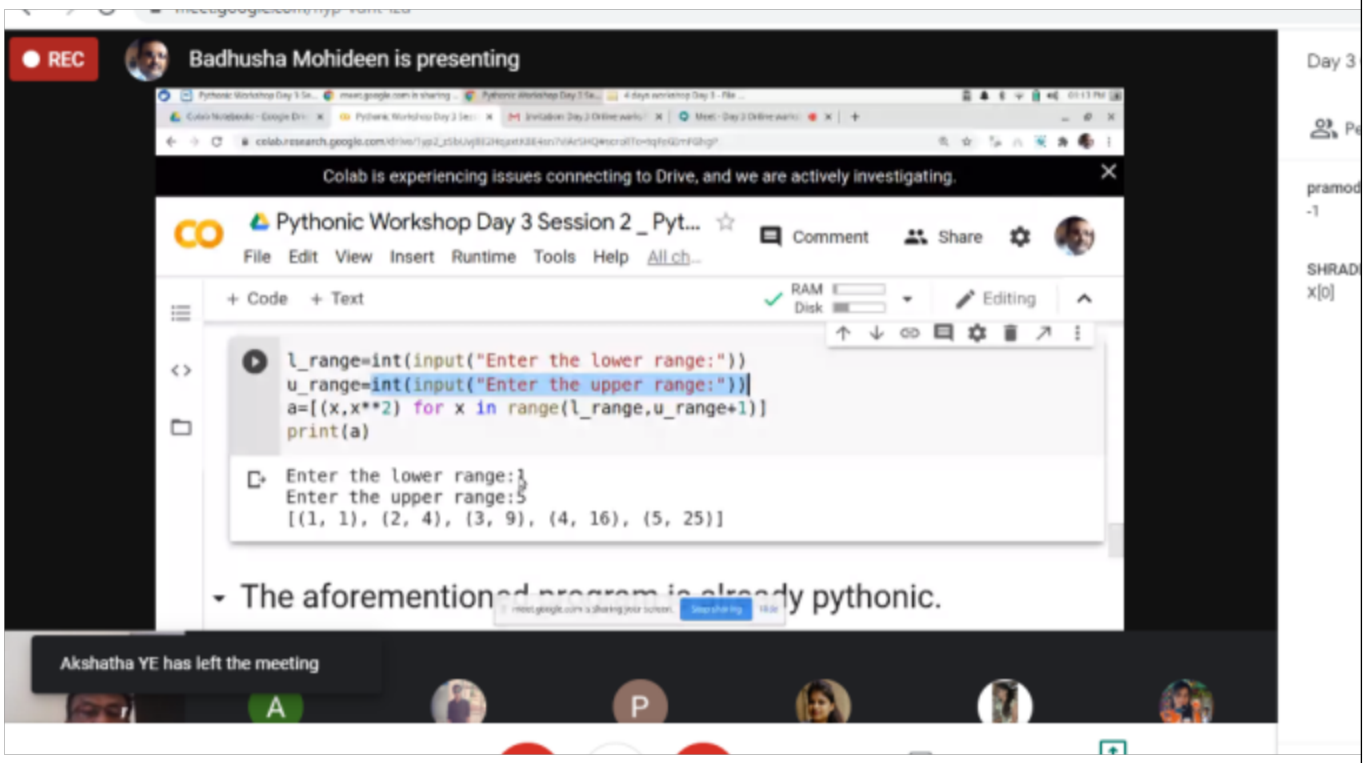
DAILY ASSESSMENT FORMAT

Date:	23nd July 2020	Name:	Rajeshwari Gadagi
Course:	How to develop pythonic coding rather than python coding	USN:	4AL17EC076
Topic:	Pythonic coding	Semester & Section:	6th sem 'B' sec
Github Repository:	Rajeshwari-gadagi		

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".form
        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".fo
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])