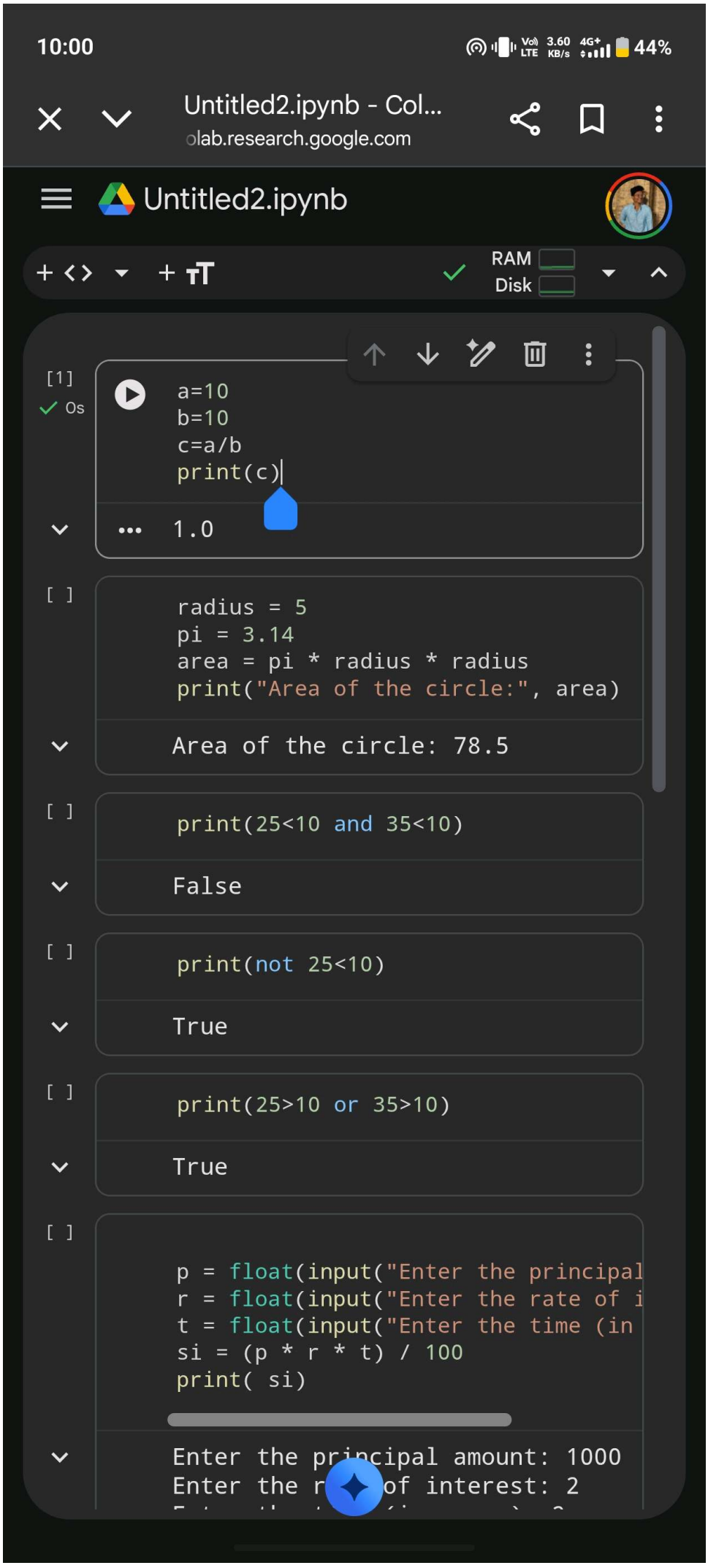

10:00
44%
Untitled2.ipynb - Col...
olab.research.google.com
Untitled2.ipynb
RAM
Disk
[1]
0s
a=10
b=10
c=a/b
print(c)
1.0
[ ]
radius = 5
pi = 3.14
area = pi * radius * radius
print("Area of the circle:", area)
Area of the circle: 78.5
[ ]
print(25<10 and 35<10)
False
[ ]
print(not 25<10)
True
[ ]
print(25>10 or 35>10)
True
[ ]
p = float(input("Enter the principal
r = float(input("Enter the rate of i
t = float(input("Enter the time (in
si = (p * r * t) / 100
print(si)
Enter the principal amount: 1000
Enter the r of interest: 2

Untitled2.ipynb

RAM
Disk

```
p = float(input("Enter the principal
r = float(input("Enter the rate of i
t = float(input("Enter the time (in
si = (p * r * t) / 100
print( si)
```

```
Enter the principal amount: 1000
Enter the rate of interest: 2
Enter the time (in years): 2
40.0
```

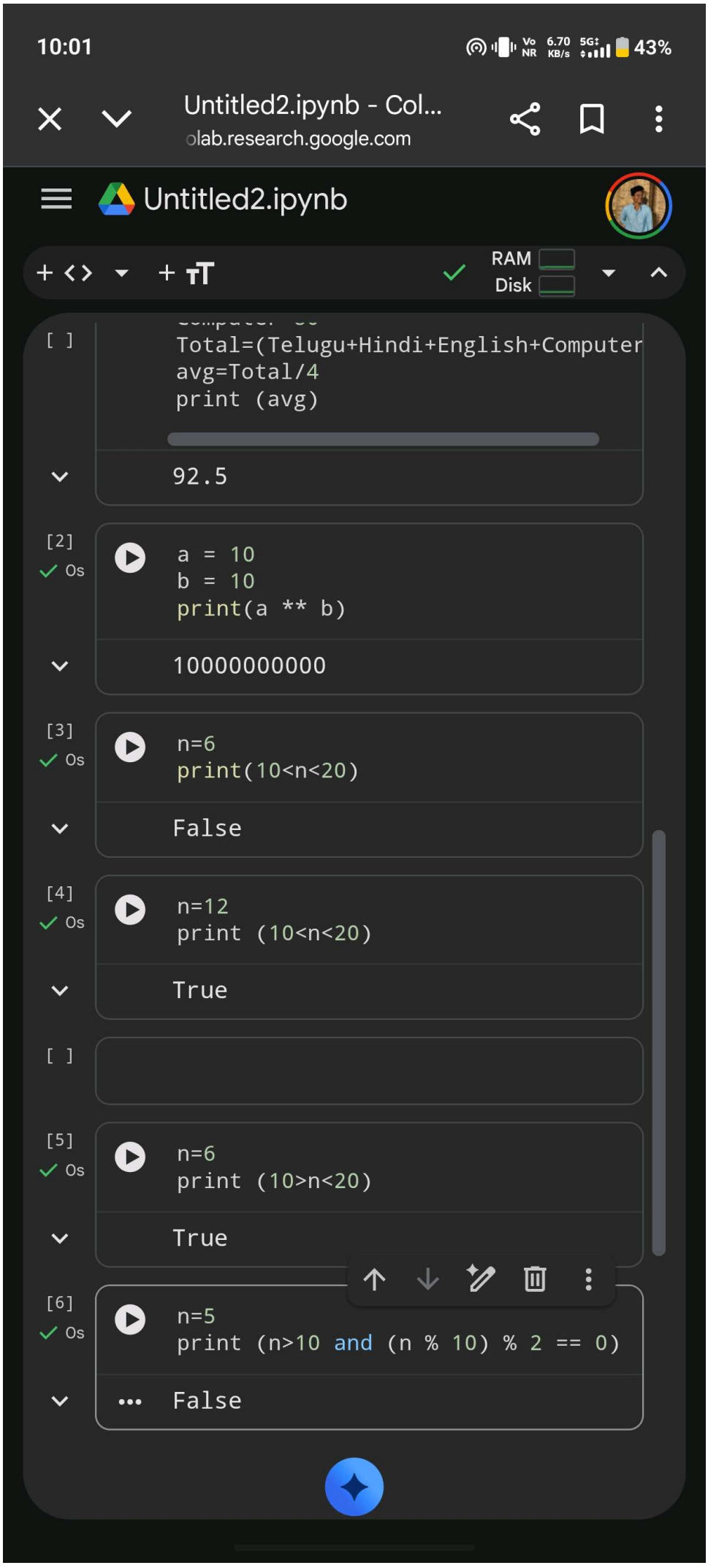
```
Telugu=100
Hindi=100
English=90
Computer=80
Total=(Telugu+Hindi+English+Computer
avg=Total/4
print (avg)
```

```
92.5
```

```
a = 10
b = 10
print(a ** b)
```

```
n=6
print(10<n<20)
```

```
n=12
print (10<n<20)
```


10:01
43%
Untitled2.ipynb - Col...
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Untitled2.ipynb
RAM
Disk
[ ]
Total=(Telugu+Hindi+English+Computer
avg=Total/4
print (avg)
92.5
[2]
0s
a = 10
b = 10
print(a ** b)
10000000000
[3]
0s
n=6
print(10<n<20)
False
[4]
0s
n=12
print (10<n<20)
True
[ ]
[5]
0s
n=6
print (10>n<20)
True
[6]
0s
n=5
print (n>10 and (n % 10) % 2 == 0)
False

f up to and including `N`, printing each number.

```
[ ]
N = 10
i = 1
while i <= N:
    print(i)
    i += 1
```

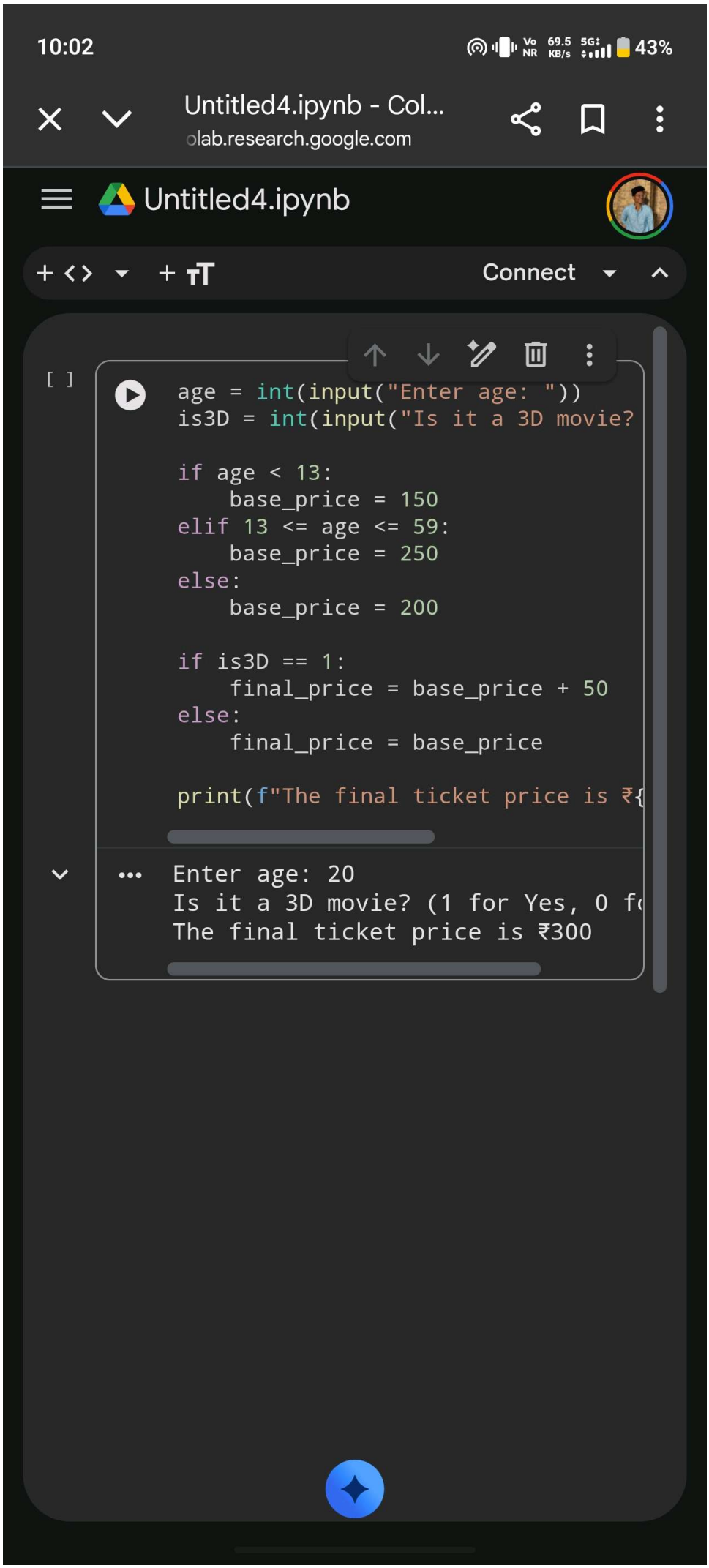
```
1
2
3
4
5
6
7
8
9
10
```

```
[ ]
```

```
[ ]
N = 10
i = 1
while i <= N:
    if i % 2 == 0:
        print(i)
    i += 1
```

```
2
4
6
8
10
```

Double-click (or enter) to edit


10:02
43%
Untitled4.ipynb - Col...
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Untitled4.ipynb
Connect
[ ]
age = int(input("Enter age: "))
is3D = int(input("Is it a 3D movie?
if age < 13:
base_price = 150
elif 13 <= age <= 59:
base_price = 250
else:
base_price = 200
if is3D == 1:
final_price = base_price + 50
else:
final_price = base_price
print(f"The final ticket price is ₹{
Enter age: 20
Is it a 3D movie? (1 for Yes, 0 f
The final ticket price is ₹300

Untitled6.ipynb

Connect

```
n = 10

i = 1
sum = 0

while i <= n:
    sum += i
    i += 1

print(sum)
```

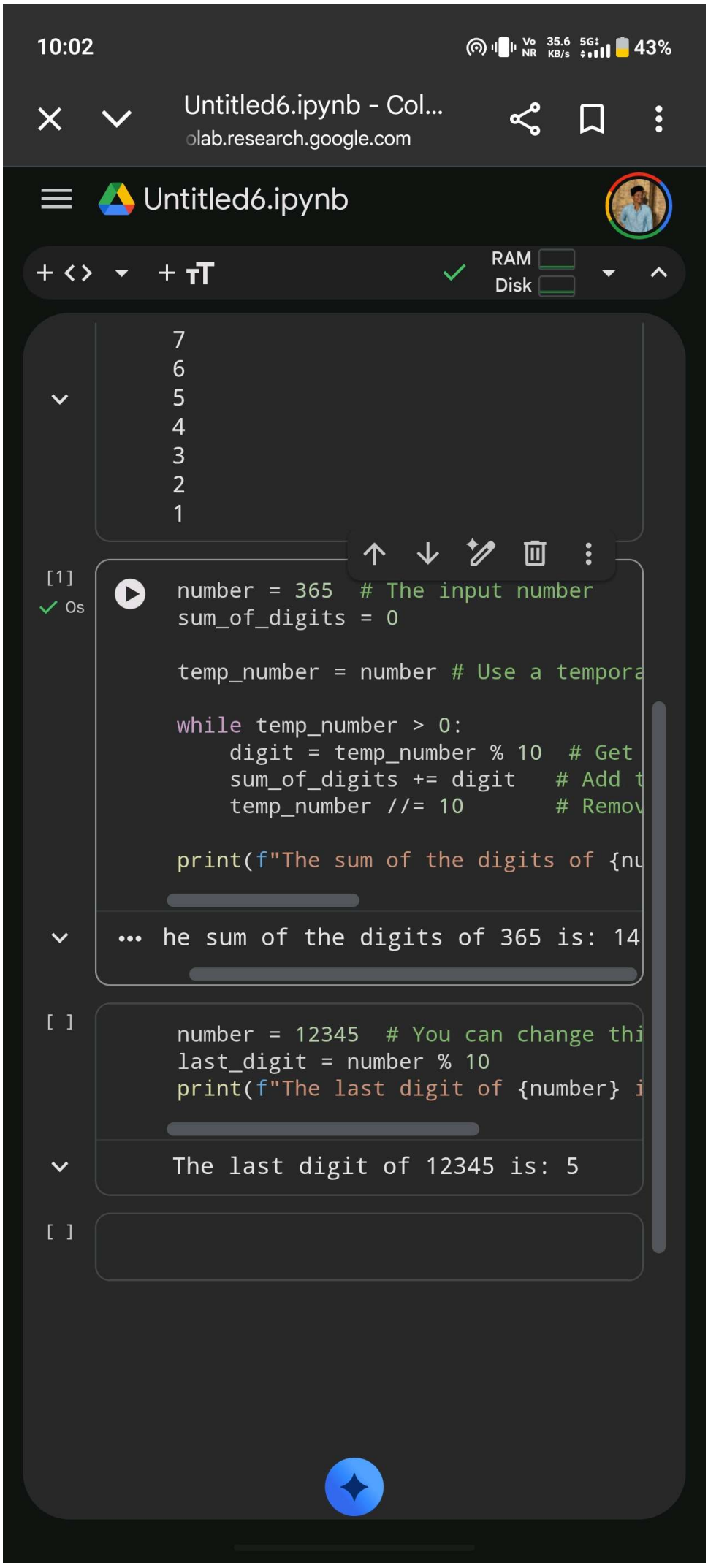
```
55
```

```
for i in range(10, 0, - 1):
    print(i)
```

```
10
9
8
7
6
5
4
3
2
1
```

Explanation of the code:

1. `number = 12345`: This line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Untitled6.ipynb - Col...
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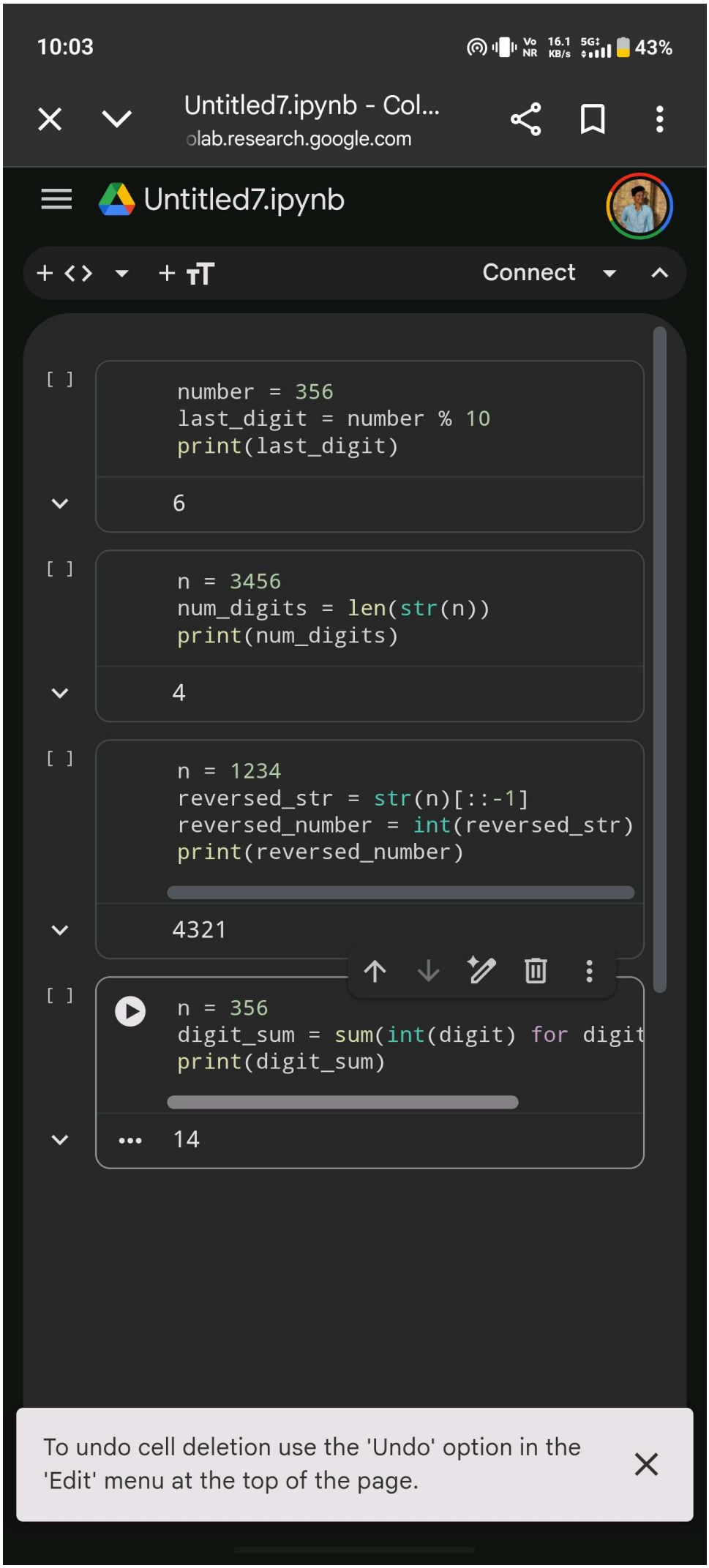
Untitled6.ipynb
RAM
Disk
7
6
5
4
3
2
1
[1]
0s
number = 365 # The input number
sum_of_digits = 0
temp_number = number # Use a tempora
while temp_number > 0:
digit = temp_number % 10 # Get
sum_of_digits += digit # Add t
temp_number //= 10 # Remov
print(f"The sum of the digits of {nu
he sum of the digits of 365 is: 14
[ ]
number = 12345 # You can change thi
last_digit = number % 10
print(f"The last digit of {number} i
The last digit of 12345 is: 5
[ ]


10:03
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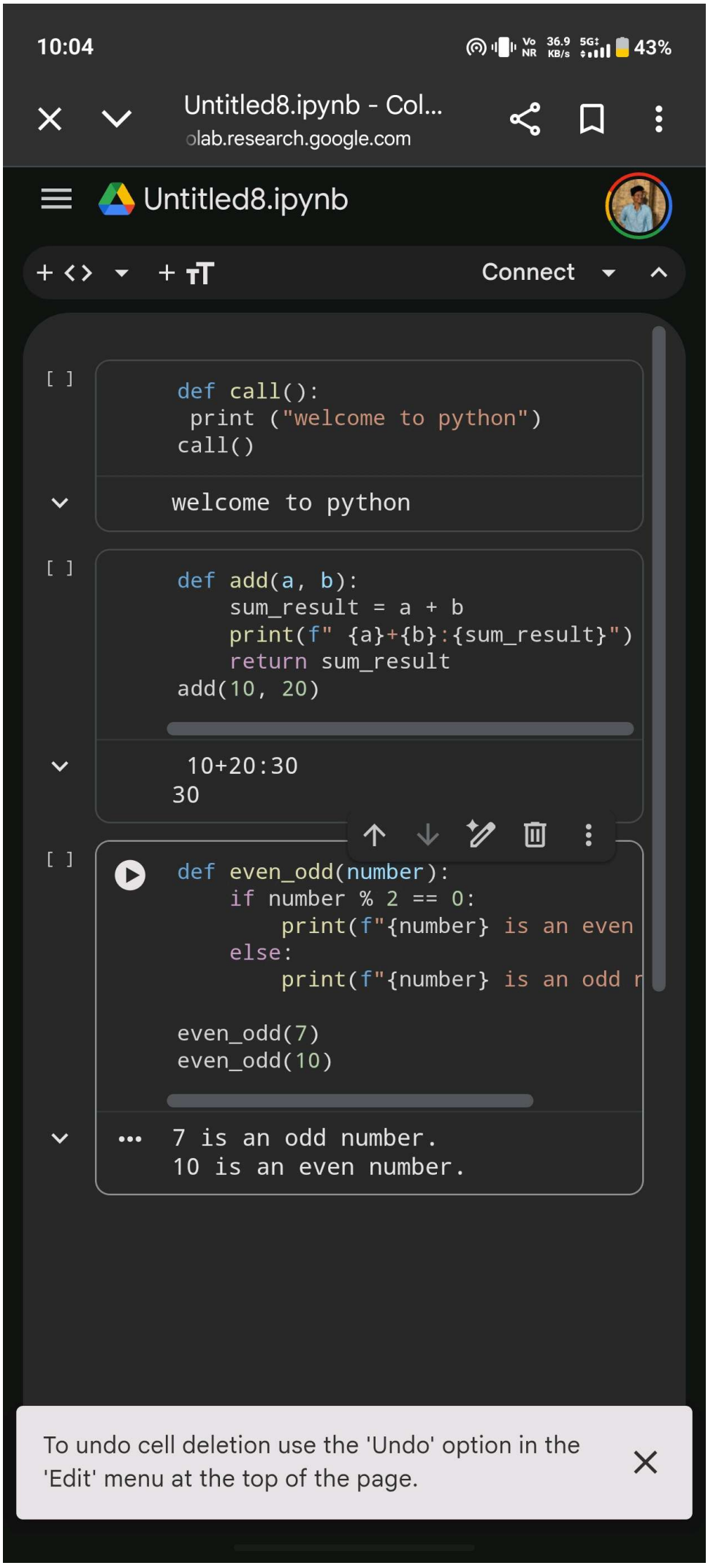
Untitled7.ipynb
Connect
[ ]
number = 356
last_digit = number % 10
print(last_digit)
6
[ ]
n = 3456
num_digits = len(str(n))
print(num_digits)
4
[ ]
n = 1234
reversed_str = str(n)[::-1]
reversed_number = int(reversed_str)
print(reversed_number)
4321
[ ]
n = 356
digit_sum = sum(int(digit) for digit
print(digit_sum)
14
To undo cell deletion use the 'Undo' option in the 'Edit' menu at the top of the page.


10:04
43%
Untitled8.ipynb - Col...
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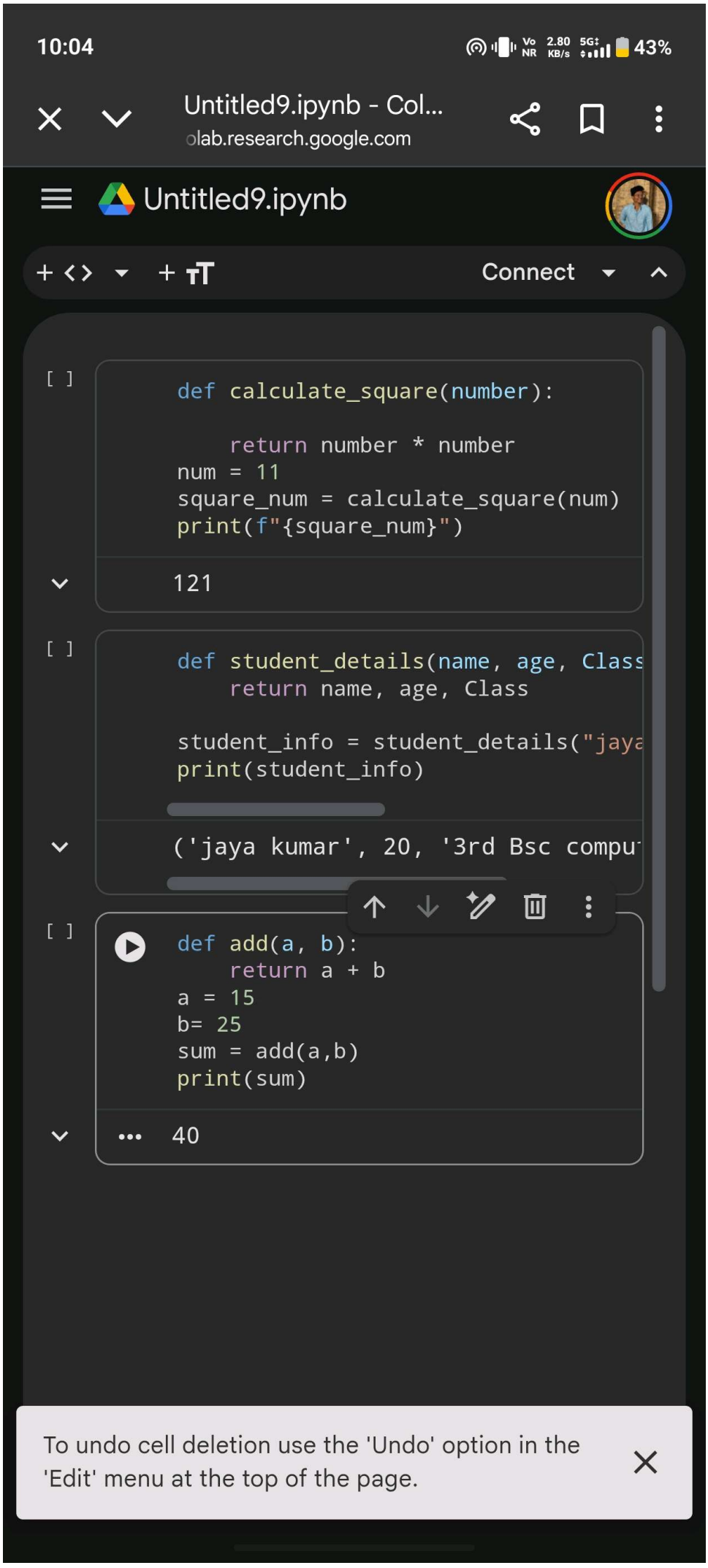
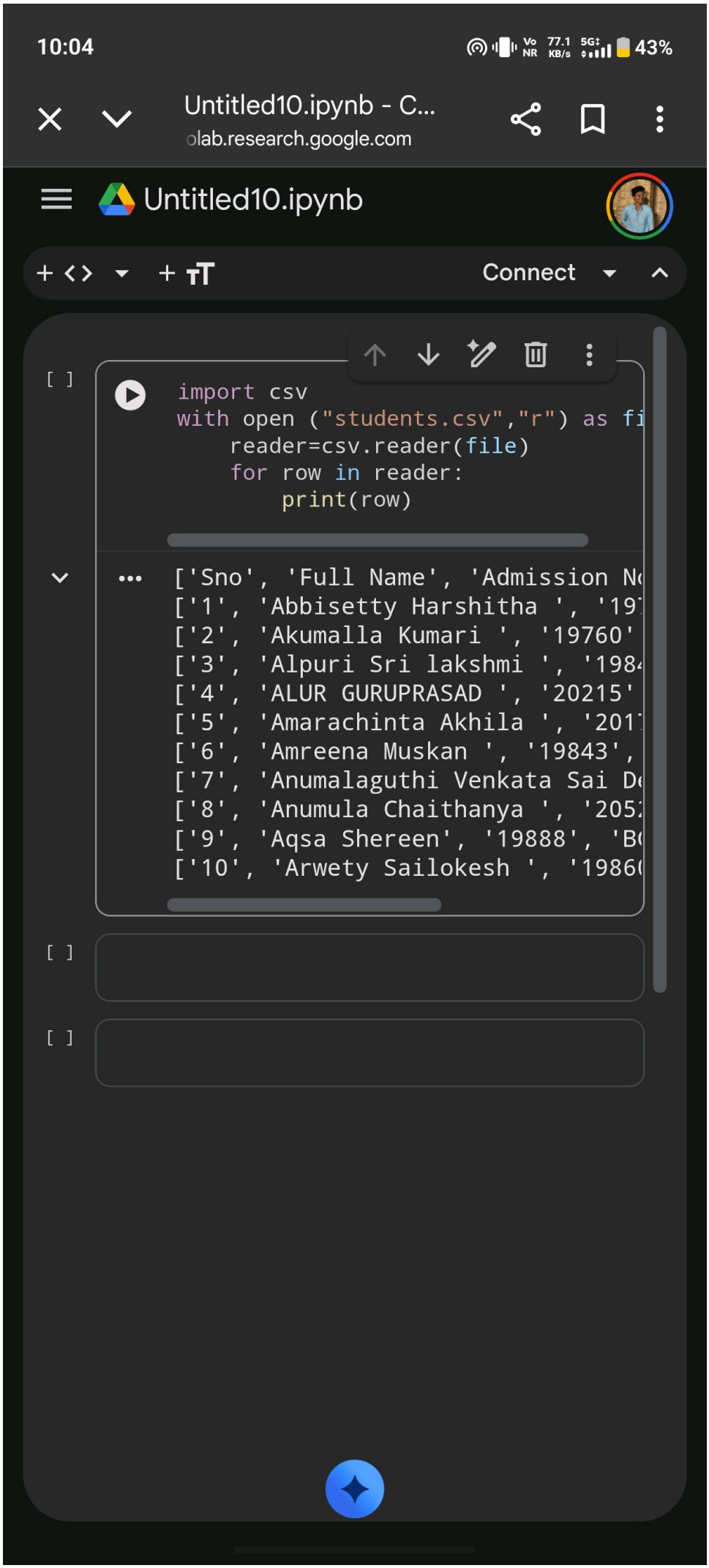
Untitled8.ipynb
Connect
[ ]
def call():
print ("welcome to python")
call()
welcome to python
[ ]
def add(a, b):
sum_result = a + b
print(f" {a}+{b}:{sum_result}")
return sum_result
add(10, 20)
10+20:30
30
[ ]
def even_odd(number):
if number % 2 == 0:
print(f"{number} is an even
else:
print(f"{number} is an odd r
even_odd(7)
even_odd(10)
7 is an odd number.
10 is an even number.
To undo cell deletion use the 'Undo' option in the 'Edit' menu at the top of the page.


10:04
43%
Untitled9.ipynb - Col...
olab.research.google.com
Untitled9.ipynb
Connect
[ ]
def calculate_square(number):
return number * number
num = 11
square_num = calculate_square(num)
print(f"{square_num}")
121
[ ]
def student_details(name, age, Class
return name, age, Class
student_info = student_details("jaya
print(student_info)
('jaya kumar', 20, '3rd Bsc compu
[ ]
def add(a, b):
return a + b
a = 15
b= 25
sum = add(a,b)
print(sum)
40
To undo cell deletion use the 'Undo' option in the 'Edit' menu at the top of the page.


10:04
43%
Untitled10.ipynb - C...
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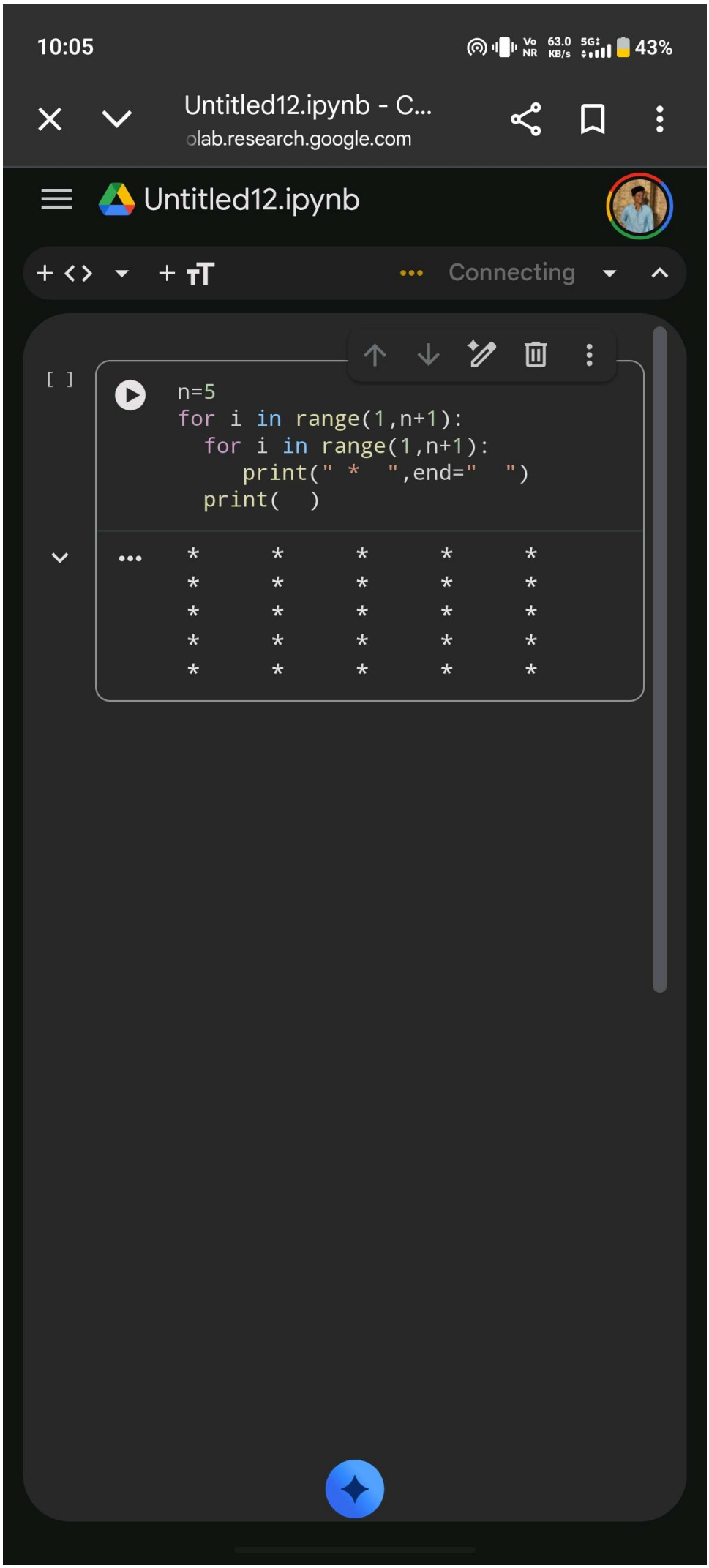
Untitled10.ipynb
Connect
[ ]
import csv
with open ("students.csv","r") as fi
reader=csv.reader(file)
for row in reader:
print(row)
['Sno', 'Full Name', 'Admission N
['1', 'Abbisetty Harshitha ', '19
['2', 'Akumalla Kumari ', '19760'
['3', 'Alpuri Sri lakshmi ', '198
['4', 'ALUR GURUPRASAD ', '20215'
['5', 'Amarachinta Akhila ', '201
['6', 'Amreena Muskan ', '19843',
['7', 'Anumalaguthi Venkata Sai D
['8', 'Anumula Chaithanya ', '205
['9', 'Aqsa Shereen', '19888', 'B
['10', 'Arwety Sailokesh ', '1986
[ ]
[ ]


10:05
43%
Untitled12.ipynb - C...
olab.research.google.com
Untitled12.ipynb
Connecting
[ ]
n=5
for i in range(1,n+1):
for i in range(1,n+1):
print(" * ",end=" ")
print( )
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *