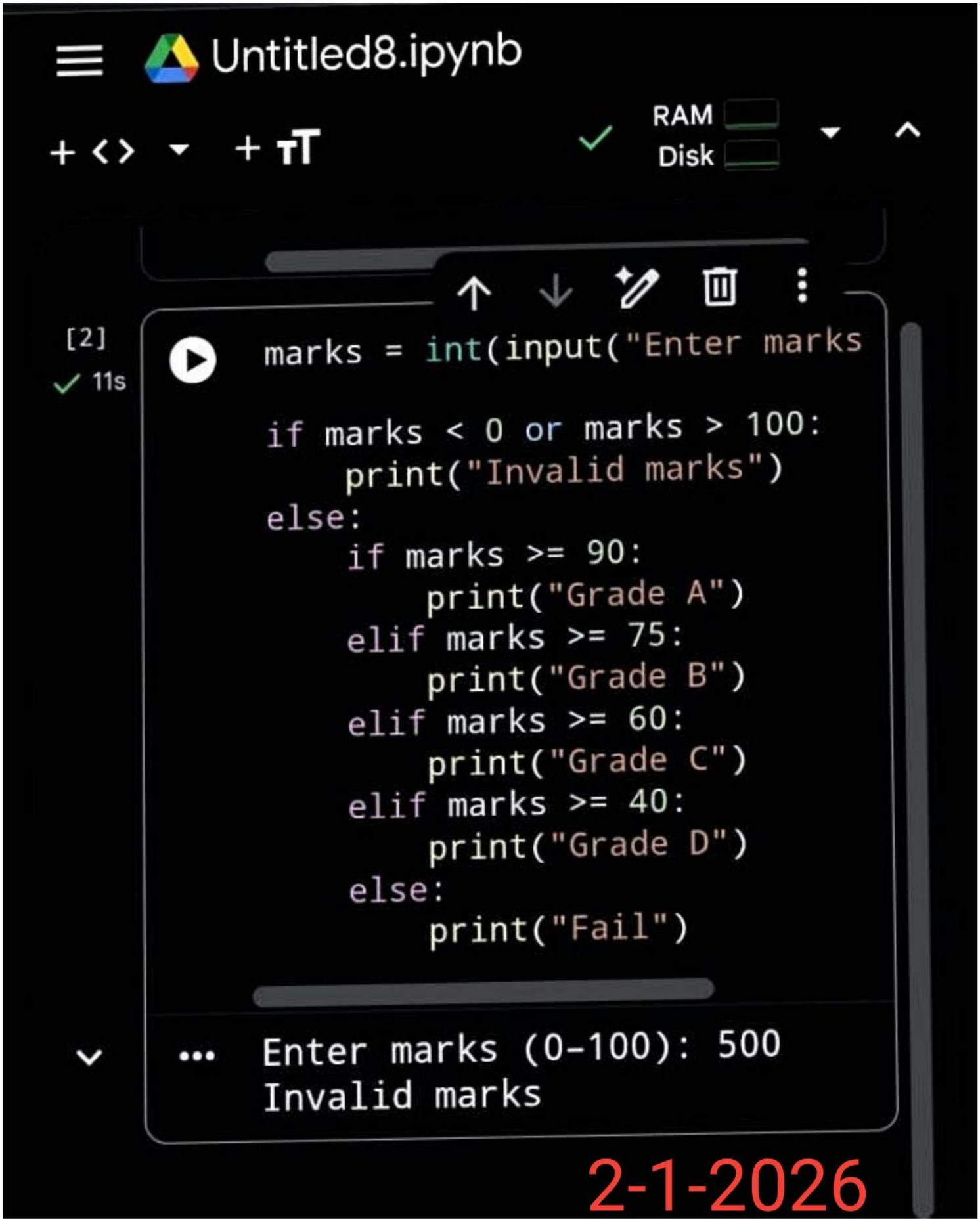
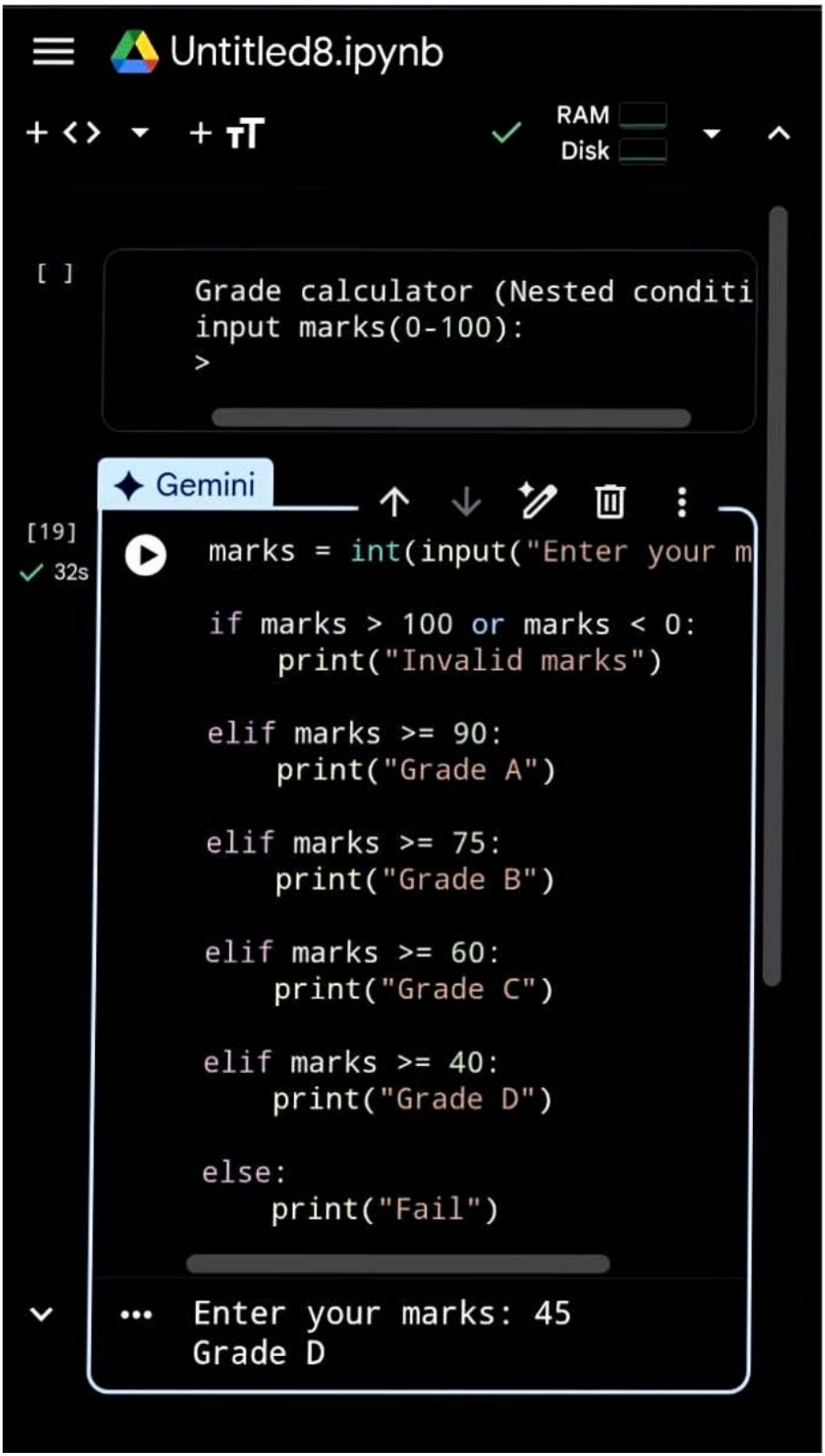

Untitled8.ipynb
RAM
Disk
[2]
11s
marks = int(input("Enter marks
if marks < 0 or marks > 100:
print("Invalid marks")
else:
if marks >= 90:
print("Grade A")
elif marks >= 75:
print("Grade B")
elif marks >= 60:
print("Grade C")
elif marks >= 40:
print("Grade D")
else:
print("Fail")
Enter marks (0-100): 500
Invalid marks
2-1-2026


Untitled8.ipynb
RAM
Disk
[ ]
Grade calculator (Nested conditi
input marks(0-100):
>
Gemini
[19]
32s
marks = int(input("Enter your m
if marks > 100 or marks < 0:
print("Invalid marks")
elif marks >= 90:
print("Grade A")
elif marks >= 75:
print("Grade B")
elif marks >= 60:
print("Grade C")
elif marks >= 40:
print("Grade D")
else:
print("Fail")
Enter your marks: 45
Grade D

[13]
✓ 32s

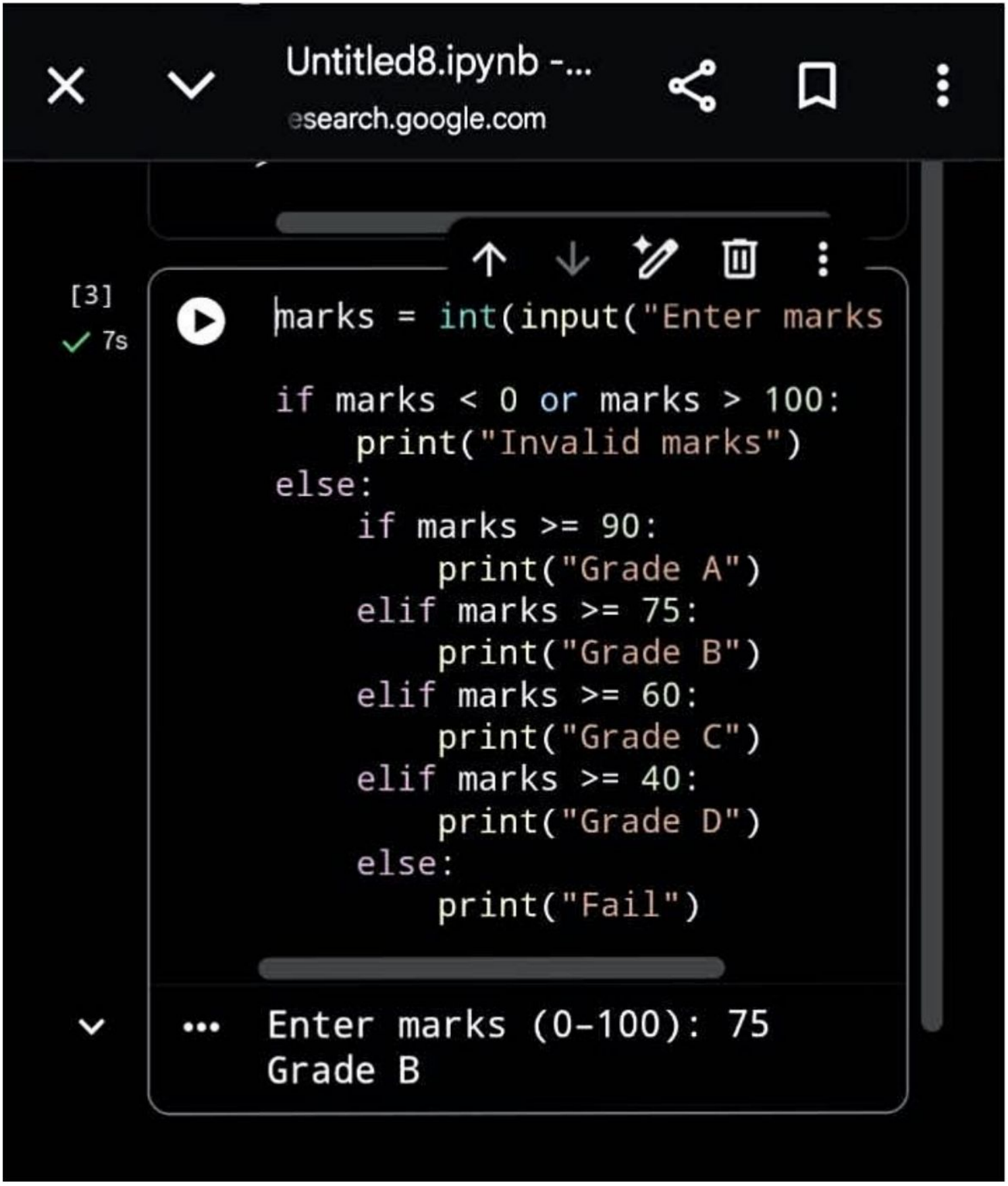
```
    else:
        print("Fail")
```

```
Enter your marks: 45
Grade D
```

[22]
✓ 27s

```
a = int(input("Enter side 1: "))
b = int(input("Enter side 2: "))
c = int(input("Enter side 3: "))

if a <= 0 or b <= 0 or c <= 0:
    print("Invalid")
elif a + b <= c or a + c <= b or
    print("Invalid")
else:
    if a == b and b == c:
        print("Equilateral")
    elif a == b or b == c or a =
        print("Isosceles")
    else:
        print("Scalene")
```

```
Enter side 1: 5
Enter side 2: 5
Enter side 3: 5
Equilateral
```


Untitled8.ipynb -...
esearch.google.com
[3]
7s
marks = int(input("Enter marks
if marks < 0 or marks > 100:
print("Invalid marks")
else:
if marks >= 90:
print("Grade A")
elif marks >= 75:
print("Grade B")
elif marks >= 60:
print("Grade C")
elif marks >= 40:
print("Grade D")
else:
print("Fail")
Enter marks (0-100): 75
Grade B

[13]
✓ 32s

```
        print("Fail")
```

```
Enter your marks: 45
Grade D
```

[23]
✓ 18s

```
a = int(input("Enter side 1: "))
b = int(input("Enter side 2: "))
c = int(input("Enter side 3: "))

if a <= 0 or b <= 0 or c <= 0:
    print("Invalid")
elif a + b <= c or a + c <= b or
    print("Invalid")
else:
    if a == b and b == c:
        print("Equilateral")
    elif a == b or b == c or a =
        print("Isosceles")
    else:
        print("Scalene")
```

```
Enter side 1: 5
Enter side 2: 5
Enter side 3: 7
Isosceles
```

3-1-2026

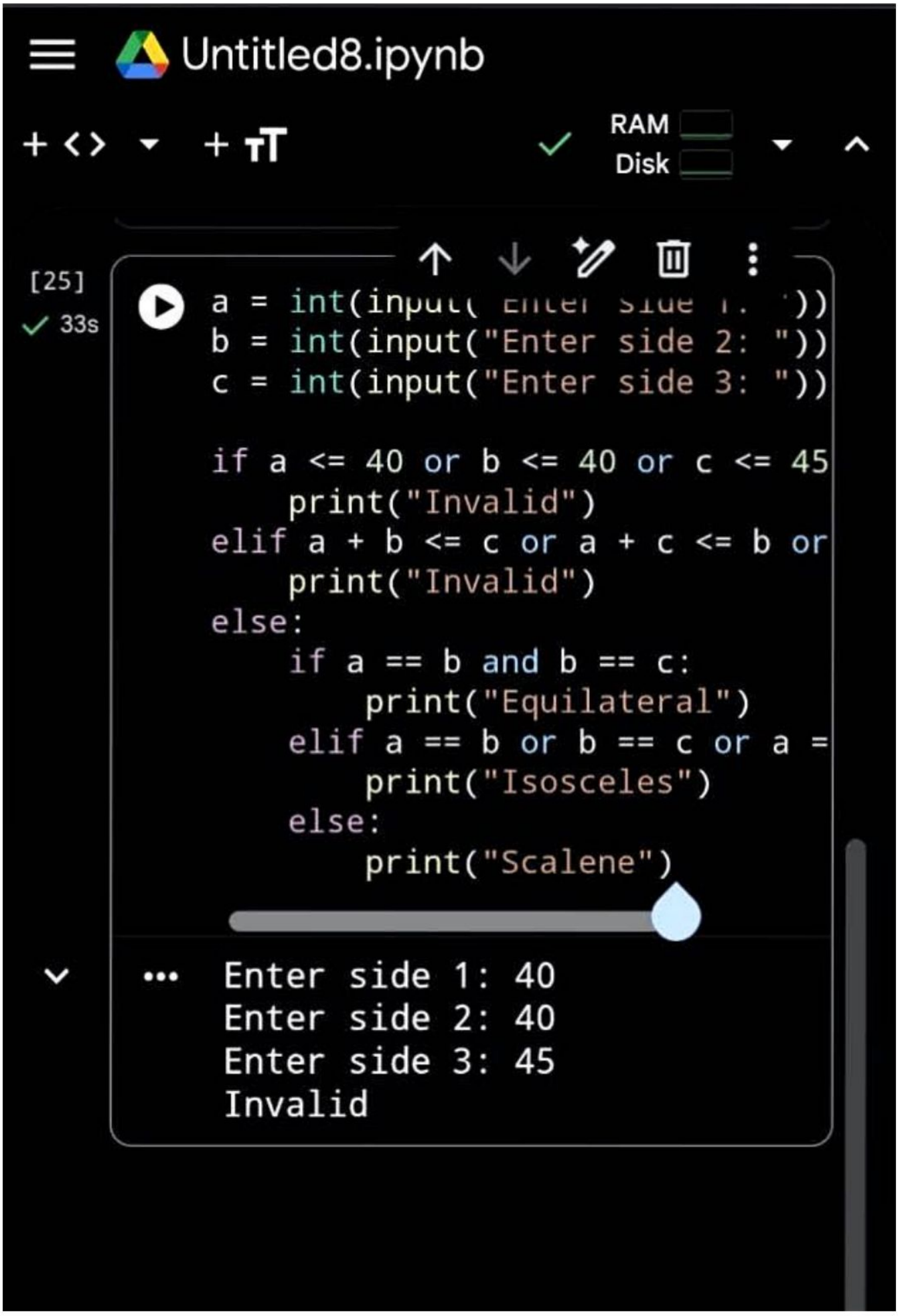
32s

```
Enter your marks: 45
Grade D
```

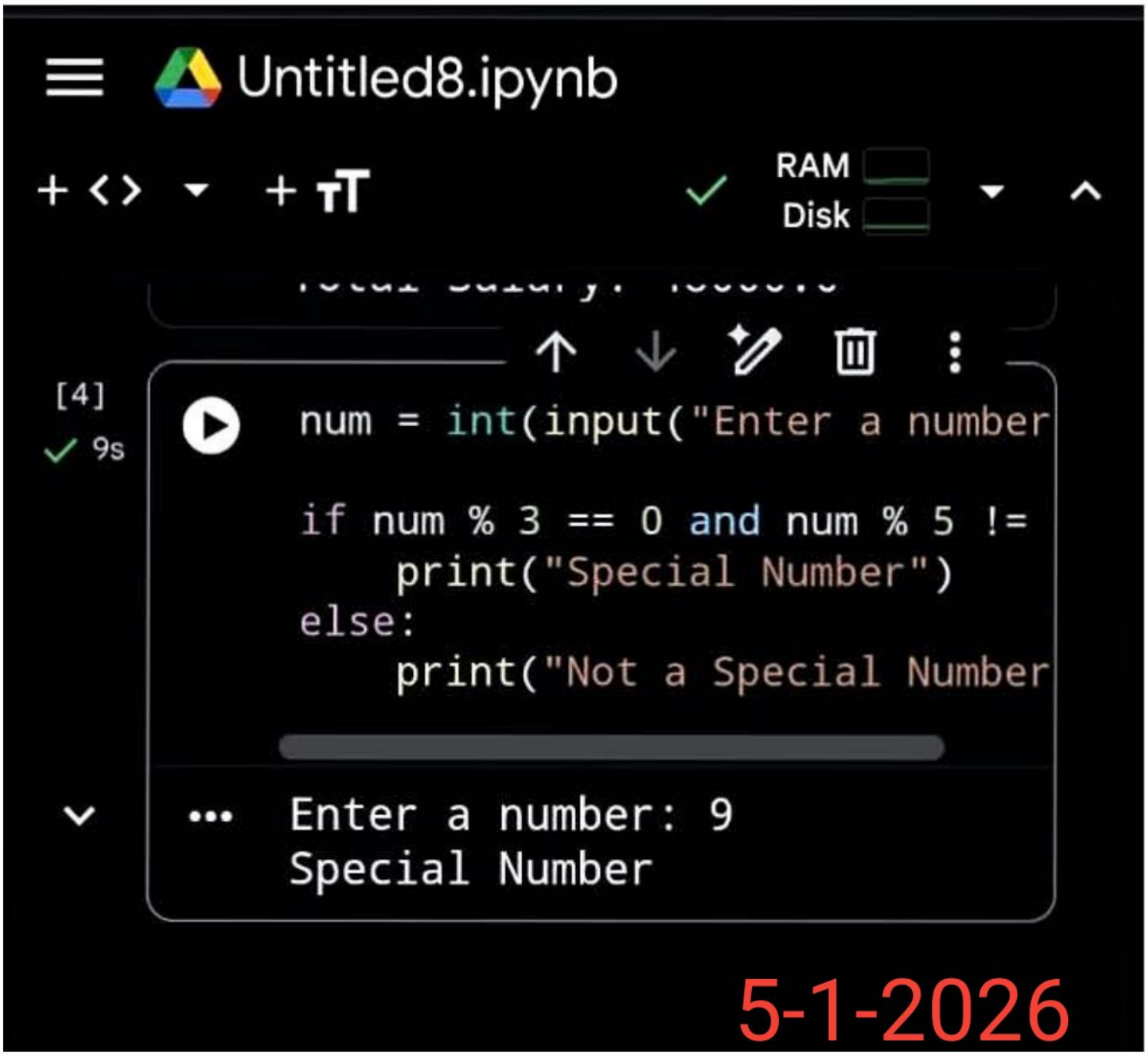
[24]
14s

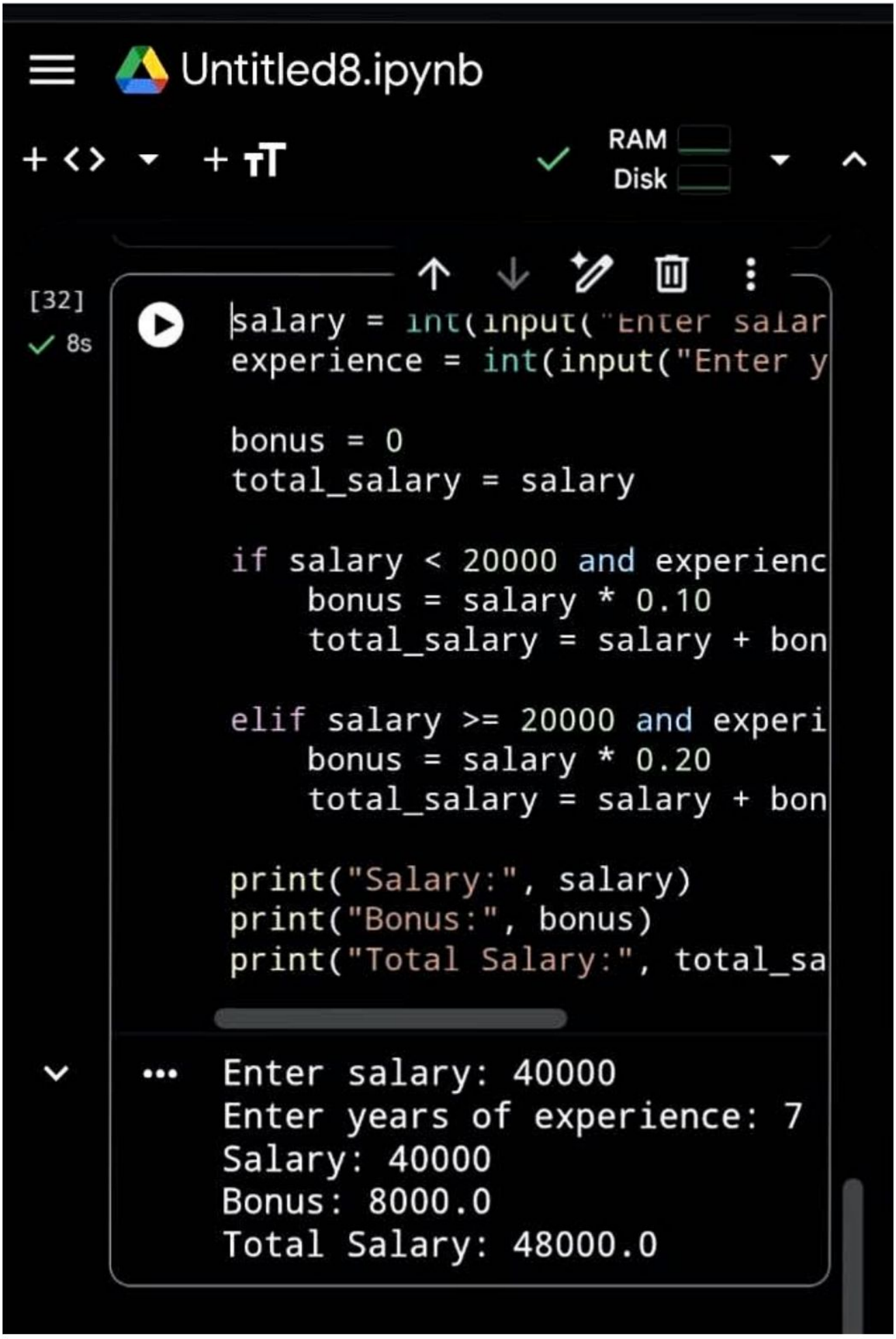
```
a = int(input("Enter side 1: "))
b = int(input("Enter side 2: "))
c = int(input("Enter side 3: "))

if a <= 0 or b <= 0 or c <= 0:
    print("Invalid")
elif a + b <= c or a + c <= b or
    print("Invalid")
else:
    if a == b and b == c:
        print("Equilateral")
    elif a == b or b == c or a =
        print("Isosceles")
    else:
        print("Scalene")
```

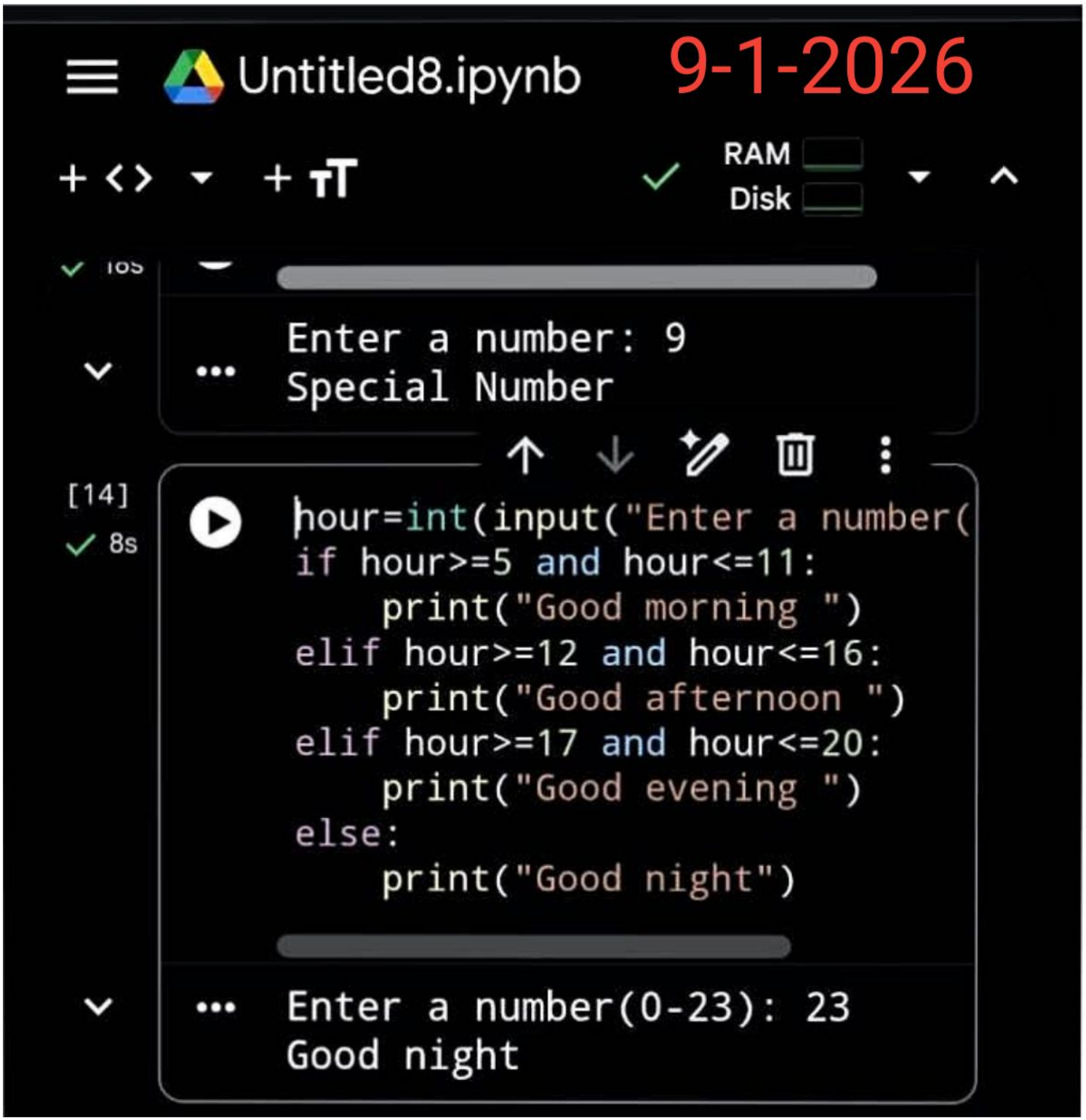
```
Enter side 1: 6
Enter side 2: 7
Enter side 3: 9
Scalene
```

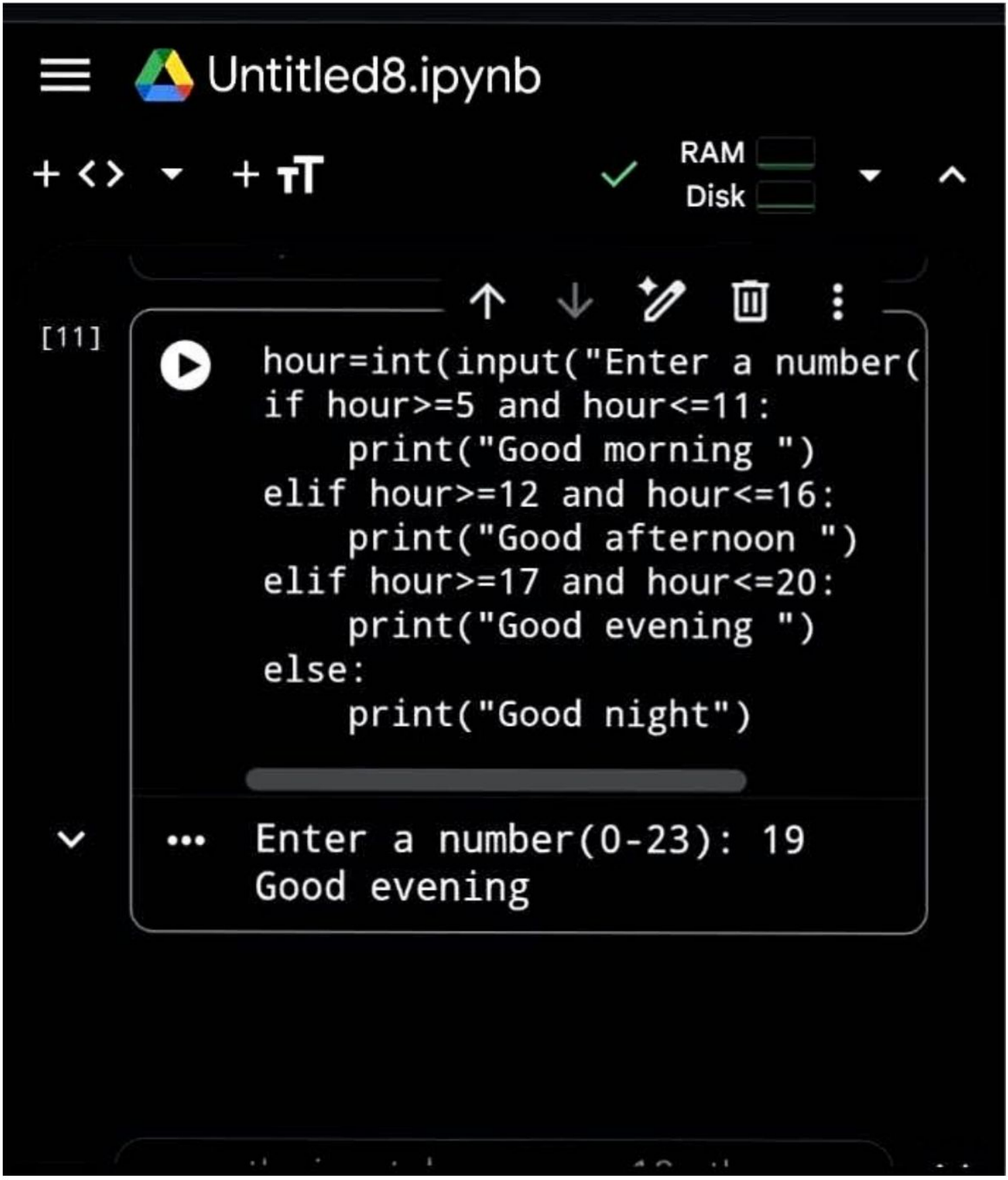

Untitled8.ipynb
RAM
Disk
[25]
33s
a = int(input("Enter side 1: "))
b = int(input("Enter side 2: "))
c = int(input("Enter side 3: "))
if a <= 40 or b <= 40 or c <= 45
print("Invalid")
elif a + b <= c or a + c <= b or
print("Invalid")
else:
if a == b and b == c:
print("Equilateral")
elif a == b or b == c or a =
print("Isosceles")
else:
print("Scalene")
Enter side 1: 40
Enter side 2: 40
Enter side 3: 45
Invalid

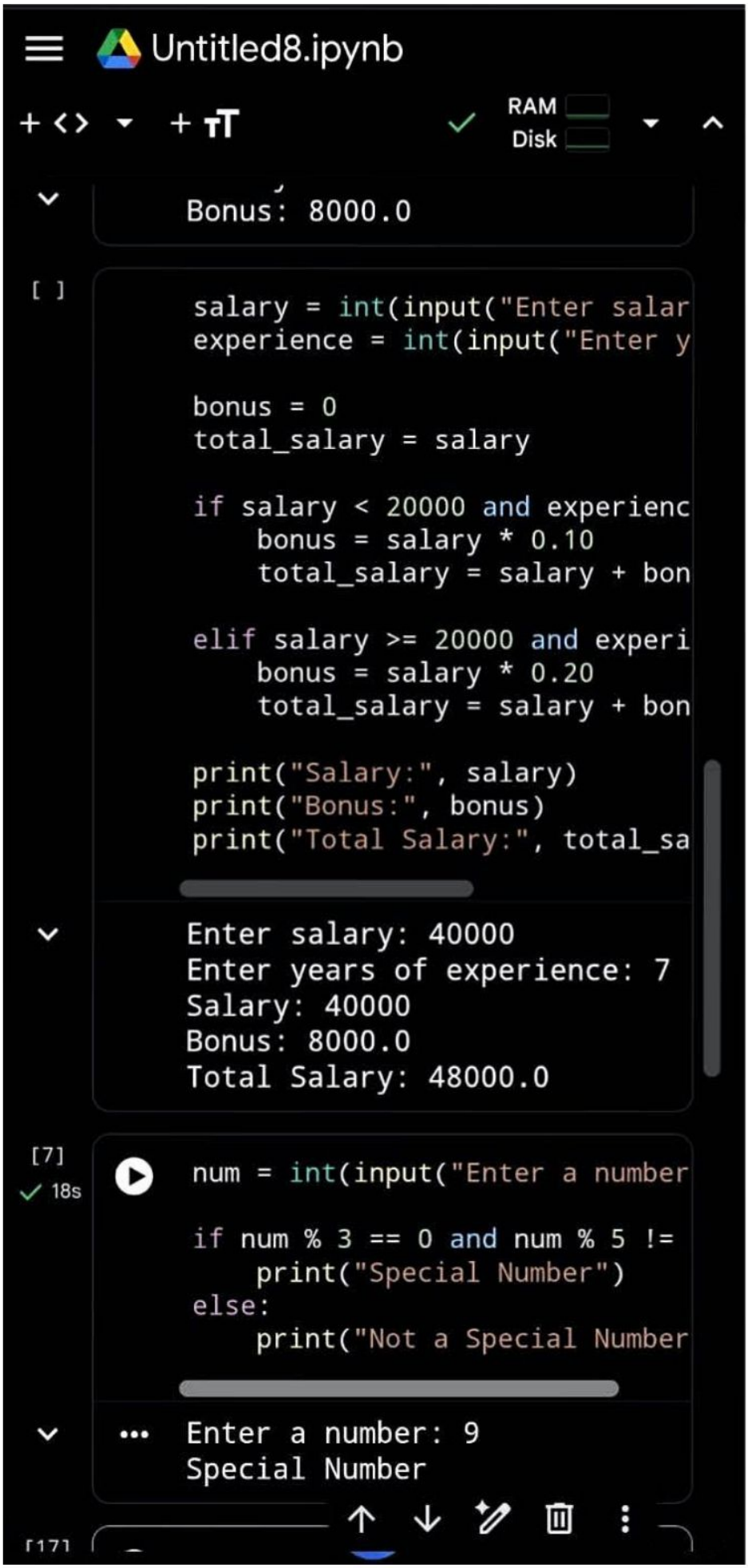

Untitled8.ipynb
RAM
Disk
[29]
3m
salary =
experience = int(input("Enter y
if salary < 20000 and experienc
bonus = salary * 0.10
print("Bonus:", bonus)
elif salary >= 20000 and experi
bonus = salary * 0.20
print("Bonus:", bonus)
else:
print("No bonus")
Enter salary: 20000
Enter years of experience: 2
No bonus

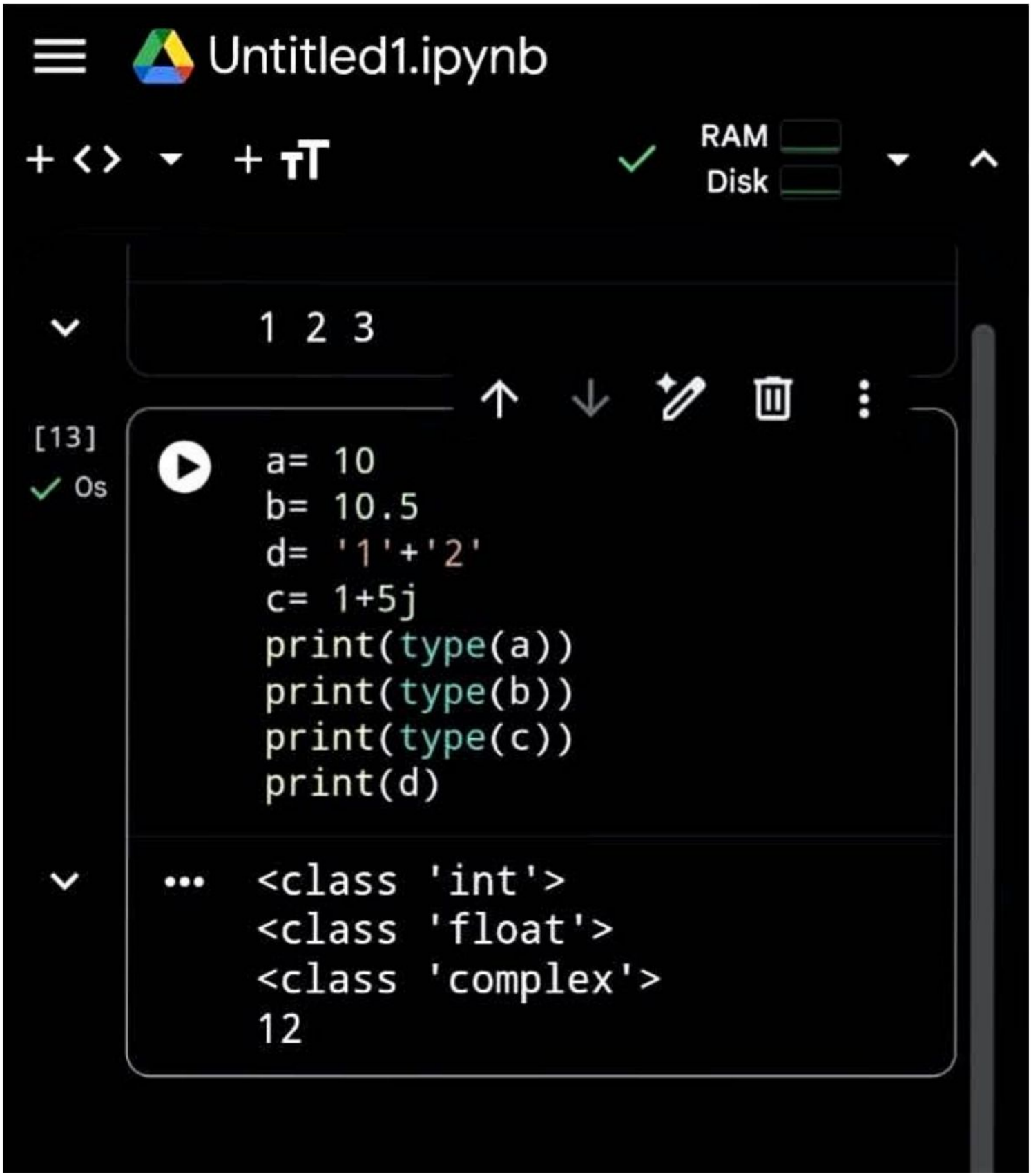

Untitled8.ipynb
RAM
Disk
[4]
9s
num = int(input("Enter a number
if num % 3 == 0 and num % 5 !=
print("Special Number")
else:
print("Not a Special Number
Enter a number: 9
Special Number
5-1-2026

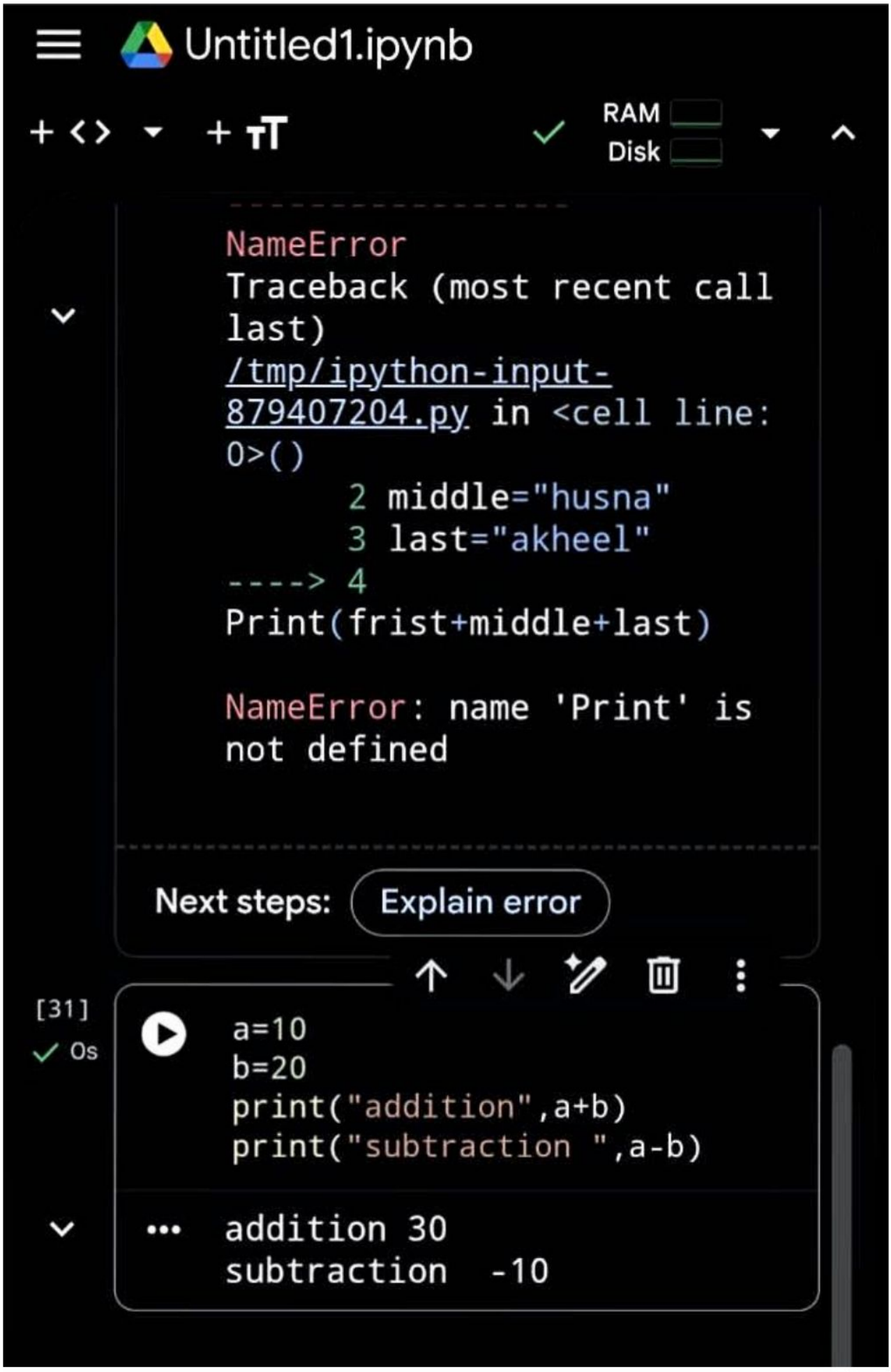

Untitled8.ipynb
RAM
Disk
[32]
8s
salary = int(input("Enter salar
experience = int(input("Enter y
bonus = 0
total_salary = salary
if salary < 20000 and experienc
bonus = salary * 0.10
total_salary = salary + bon
elif salary >= 20000 and experi
bonus = salary * 0.20
total_salary = salary + bon
print("Salary:", salary)
print("Bonus:", bonus)
print("Total Salary:", total_sa
Enter salary: 40000
Enter years of experience: 7
Salary: 40000
Bonus: 8000.0
Total Salary: 48000.0

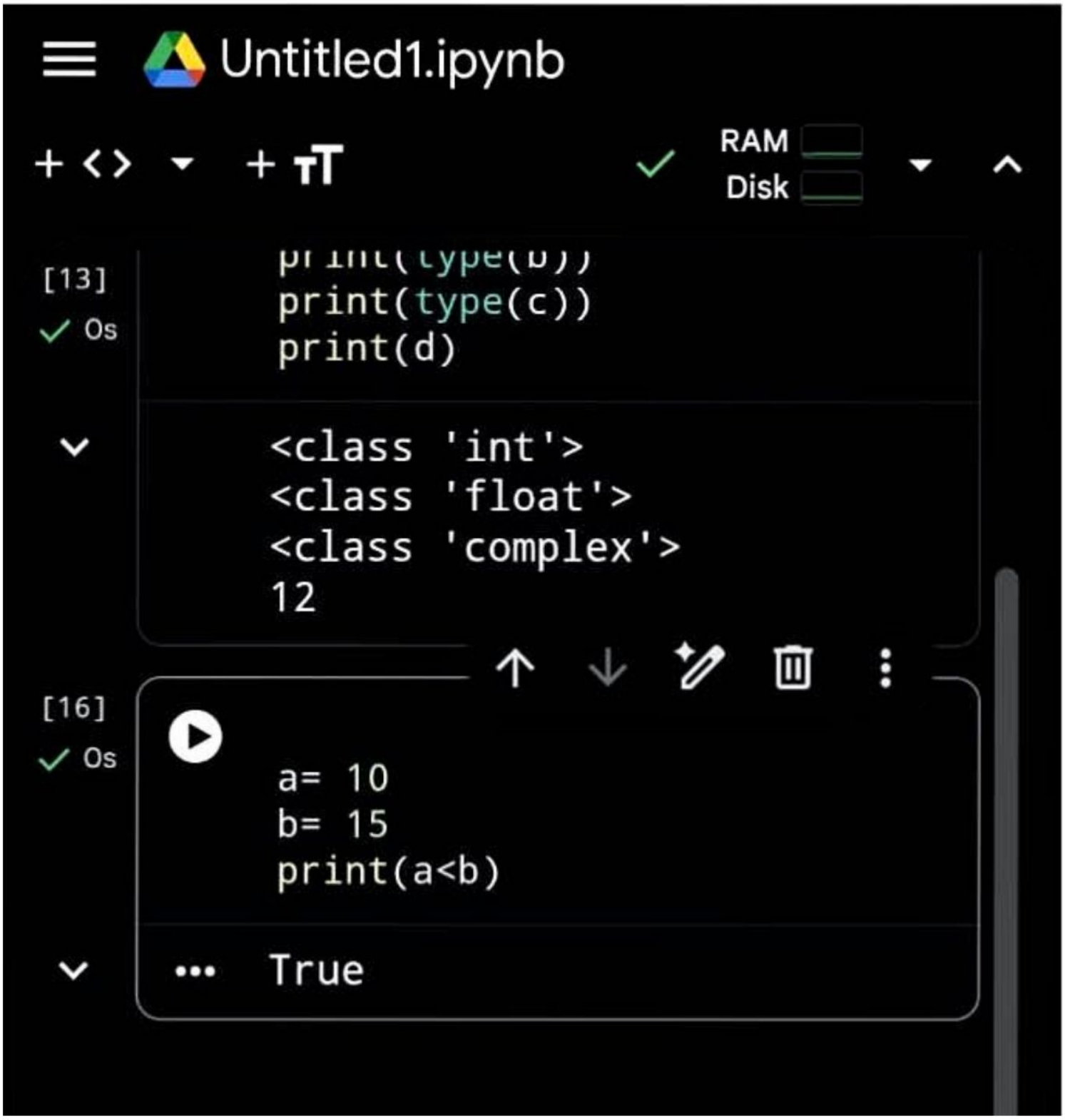

Untitled8.ipynb
9-1-2026
RAM
Disk
Enter a number: 9
Special Number
[14]
8s
hour=int(input("Enter a number(
if hour>=5 and hour<=11:
print("Good morning ")
elif hour>=12 and hour<=16:
print("Good afternoon ")
elif hour>=17 and hour<=20:
print("Good evening ")
else:
print("Good night")
Enter a number(0-23): 23
Good night

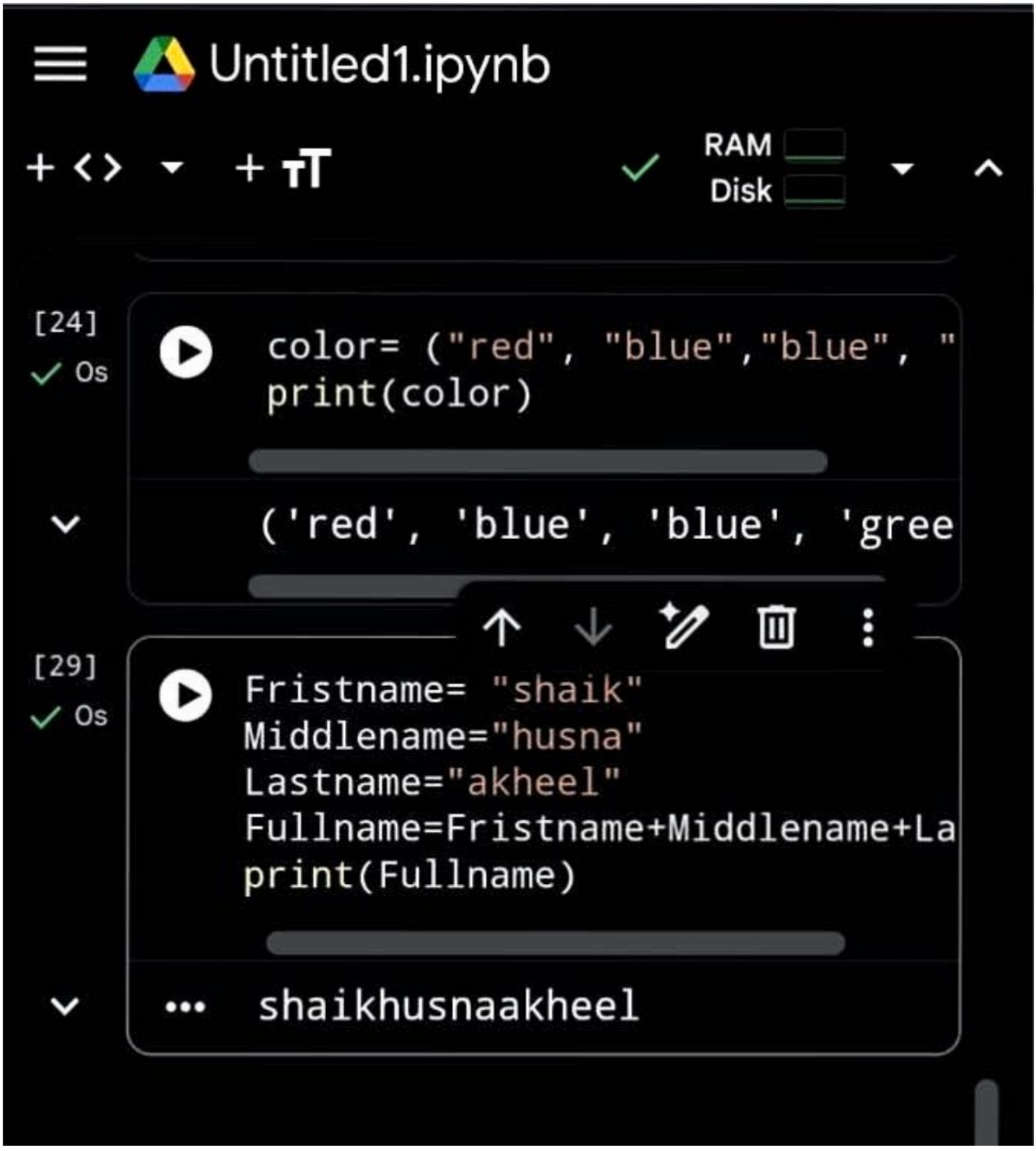

Untitled8.ipynb
RAM
Disk
[11]
hour=int(input("Enter a number(
if hour>=5 and hour<=11:
print("Good morning ")
elif hour>=12 and hour<=16:
print("Good afternoon ")
elif hour>=17 and hour<=20:
print("Good evening ")
else:
print("Good night")
Enter a number(0-23): 19
Good evening

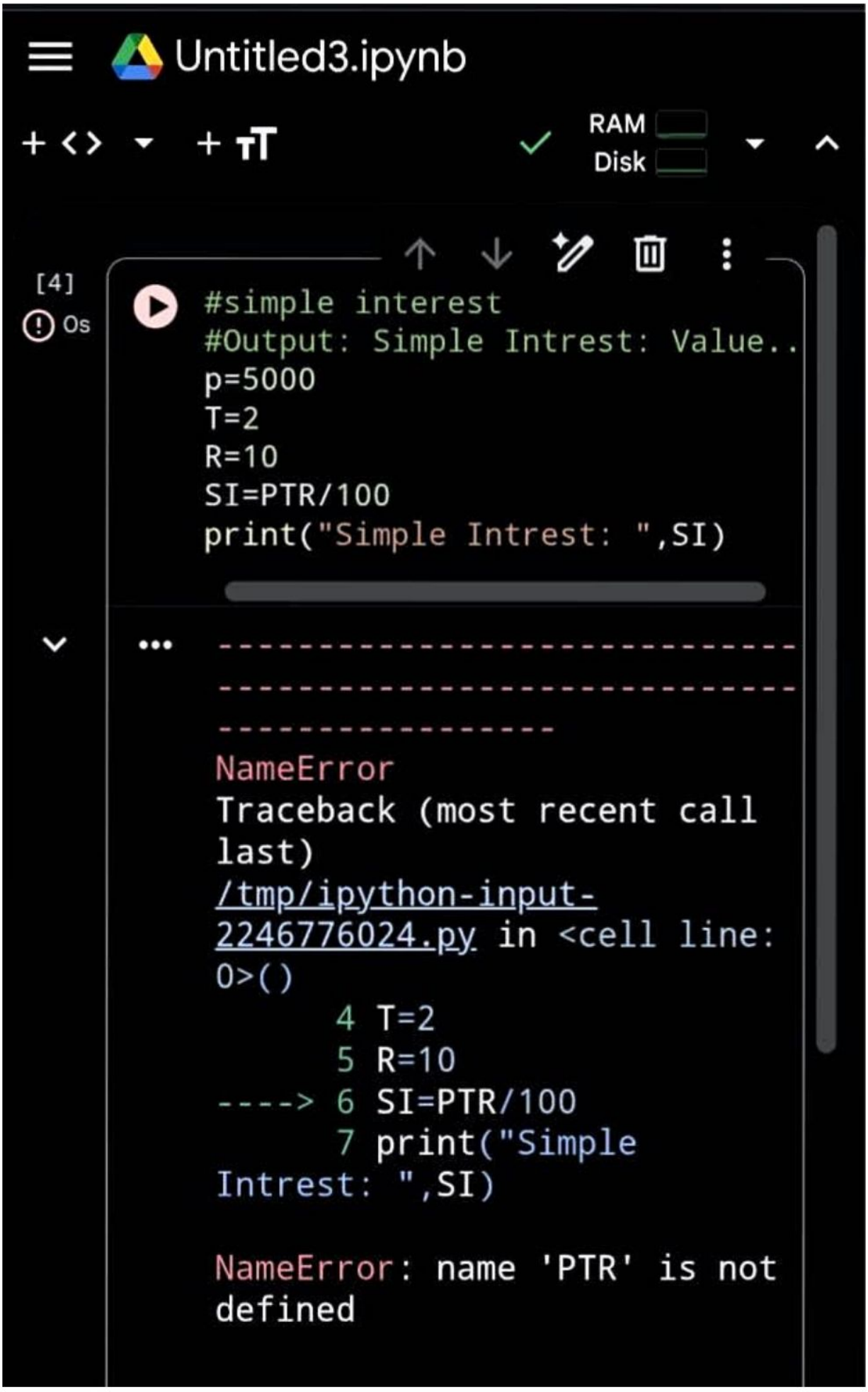

Untitled8.ipynb
RAM
Disk
Bonus: 8000.0
[ ]
salary = int(input("Enter salar
experience = int(input("Enter y
bonus = 0
total_salary = salary
if salary < 20000 and experienc
bonus = salary * 0.10
total_salary = salary + bon
elif salary >= 20000 and experi
bonus = salary * 0.20
total_salary = salary + bon
print("Salary:", salary)
print("Bonus:", bonus)
print("Total Salary:", total_sa
Enter salary: 40000
Enter years of experience: 7
Salary: 40000
Bonus: 8000.0
Total Salary: 48000.0
[7]
18s
num = int(input("Enter a number
if num % 3 == 0 and num % 5 !=
print("Special Number")
else:
print("Not a Special Number
Enter a number: 9
Special Number


Untitled1.ipynb
RAM
Disk
1 2 3
[13]
0s
a= 10
b= 10.5
d= '1'+'2'
c= 1+5j
print(type(a))
print(type(b))
print(type(c))
print(d)
<class 'int'>
<class 'float'>
<class 'complex'>
12

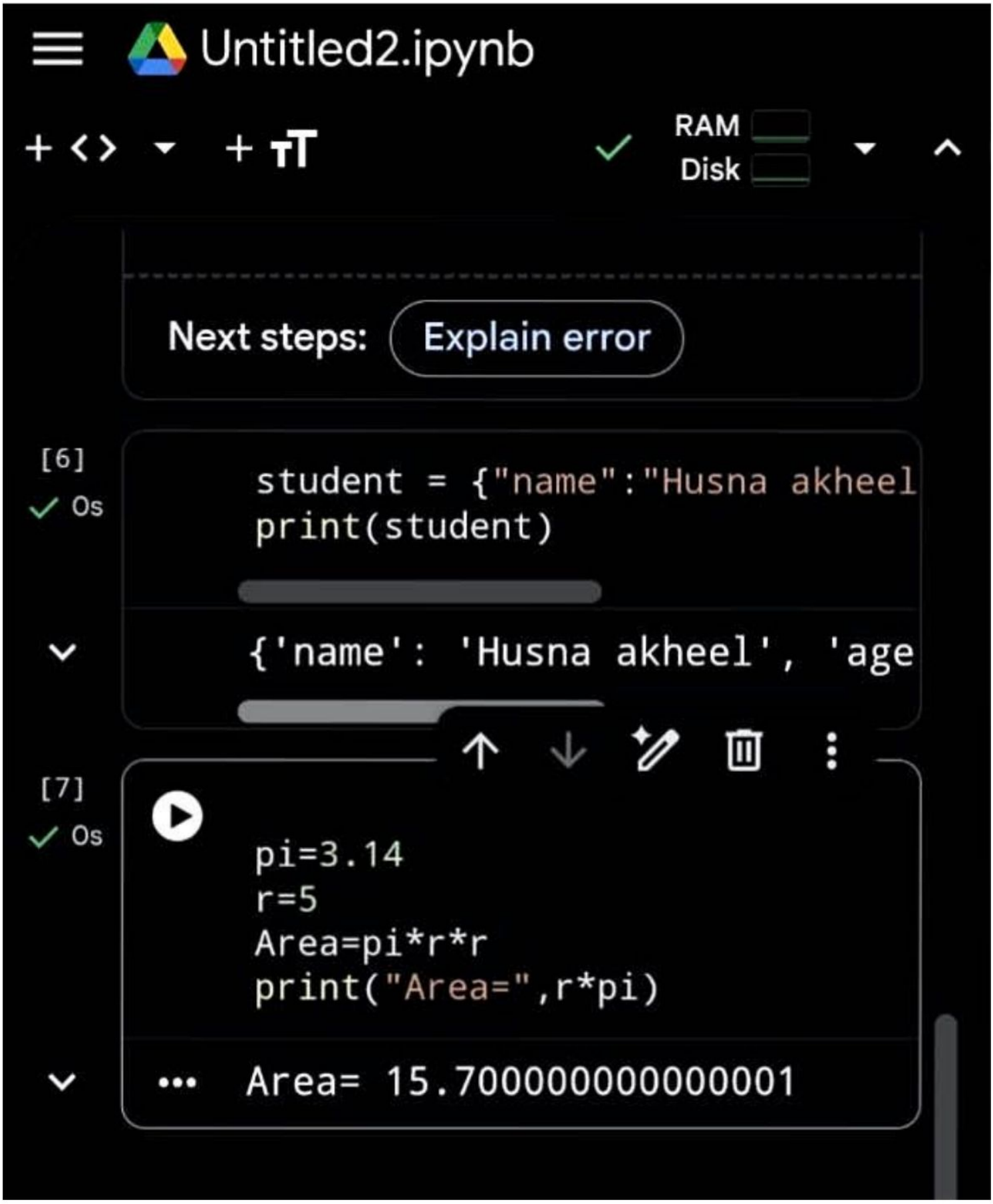

Untitled1.ipynb
RAM
Disk
NameError
Traceback (most recent call last)
/tmp/ipython-input-879407204.py in <cell line: 0>()
2 middle="husna"
3 last="akheel"
----> 4
Print(frist+middle+last)
NameError: name 'Print' is not defined
Next steps:
Explain error
[31]
0s
a=10
b=20
print("addition",a+b)
print("subtraction ",a-b)
addition 30
subtraction -10

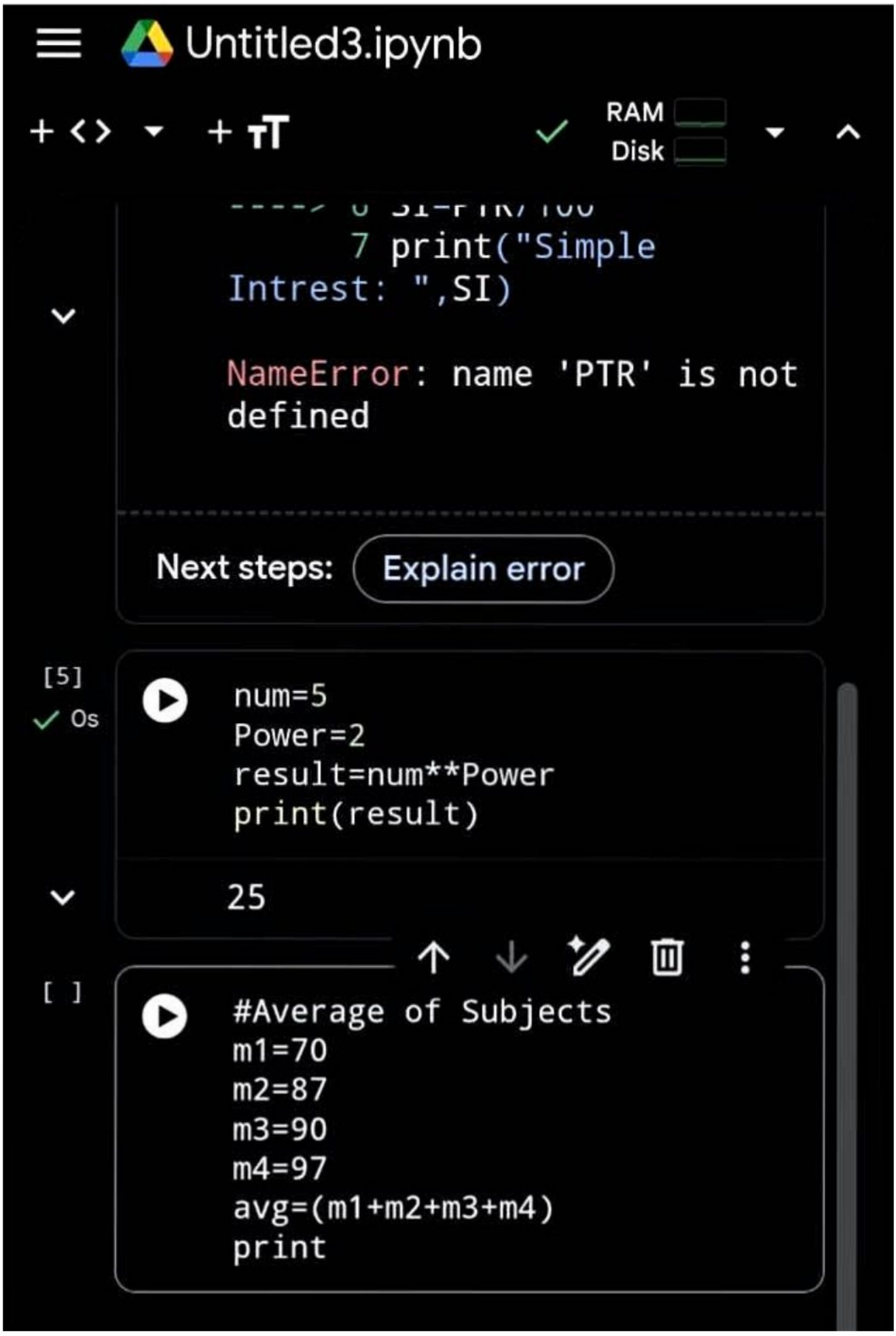

Untitled1.ipynb
RAM
Disk
[13]
0s
print(type(b))
print(type(c))
print(d)
<class 'int'>
<class 'float'>
<class 'complex'>
12
[16]
0s
a= 10
b= 15
print(a<b)
True


Untitled1.ipynb
RAM
Disk
[24]
0s
color= ("red", "blue","blue", "
print(color)
('red', 'blue', 'blue', 'gree
[29]
0s
Fristname= "shaik"
Middlename="husna"
Lastname="akheel"
Fullname=Fristname+Middlename+La
print(Fullname)
shaikhusnaakheel


Untitled3.ipynb
RAM
Disk
[4]
0s
#simple interest
#Output: Simple Intrest: Value..
p=5000
T=2
R=10
SI=PTR/100
print("Simple Intrest: ",SI)

NameError
Traceback (most recent call last)
/tmp/ipython-input-2246776024.py in <cell line: 0>()
4 T=2
5 R=10
----> 6 SI=PTR/100
7 print("Simple Intrest: ",SI)
NameError: name 'PTR' is not defined


Untitled2.ipynb
RAM
Disk
Next steps:
Explain error
[6]
0s
student = {"name":"Husna akheel
print(student)
{'name': 'Husna akheel', 'age
[7]
0s
pi=3.14
r=5
Area=pi*r*r
print("Area=",r*pi)
Area= 15.700000000000001


Untitled3.ipynb
RAM
Disk
7 print("Simple Intrest: ",SI)
NameError: name 'PTR' is not defined
Next steps:
Explain error
[5]
0s
num=5
Power=2
result=num**Power
print(result)
25
[ ]
#Average of Subjects
m1=70
m2=87
m3=90
m4=97
avg=(m1+m2+m3+m4)
print

Untitled3.ipynb

RAM
Disk

[8]
0s

```
a=10
print(a<0)
```

```
False
```

[12]
0s

```
#output
#Give number lies between 10,20
a=17
print(a>10,a<20)
```

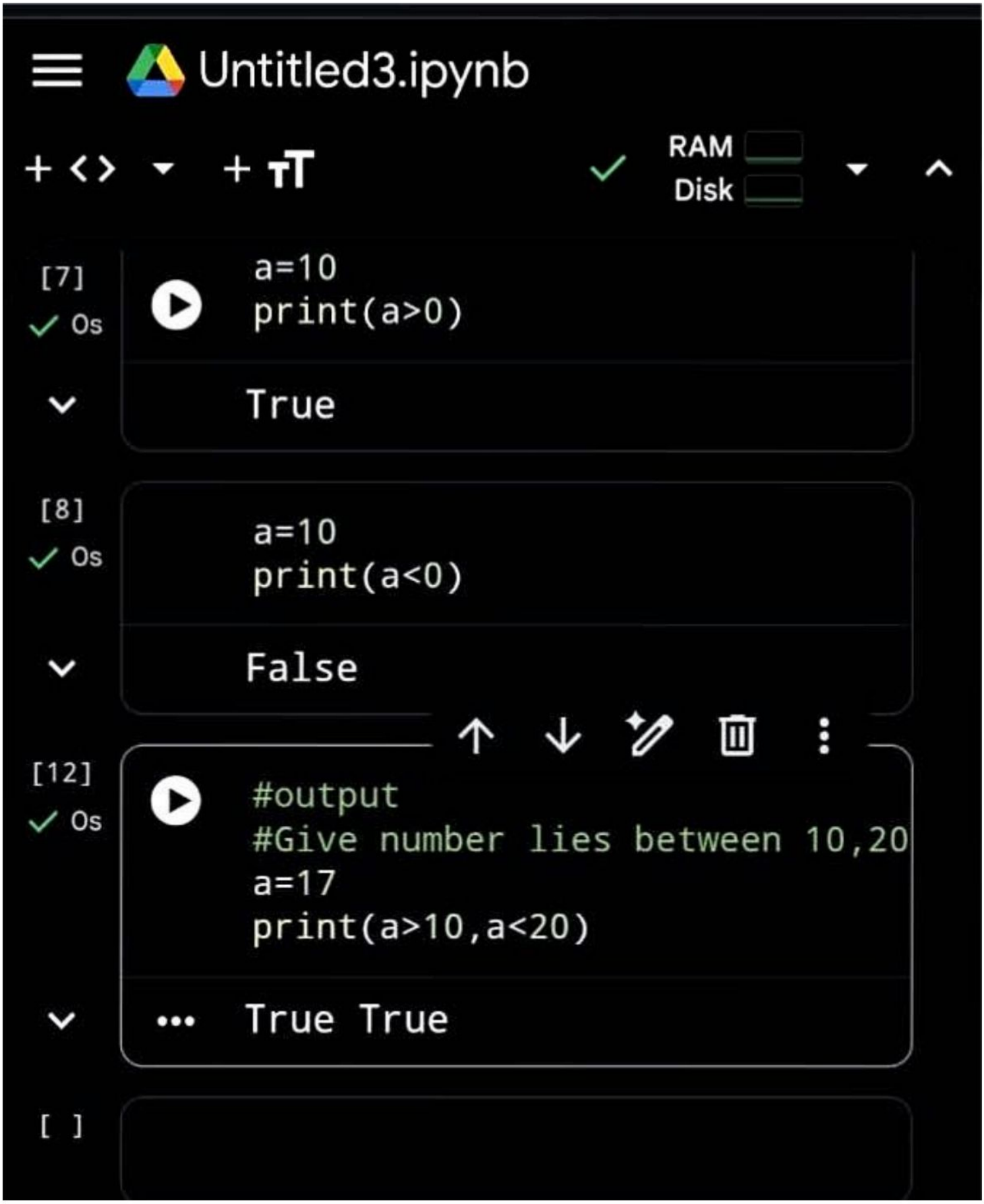
```
True True
```

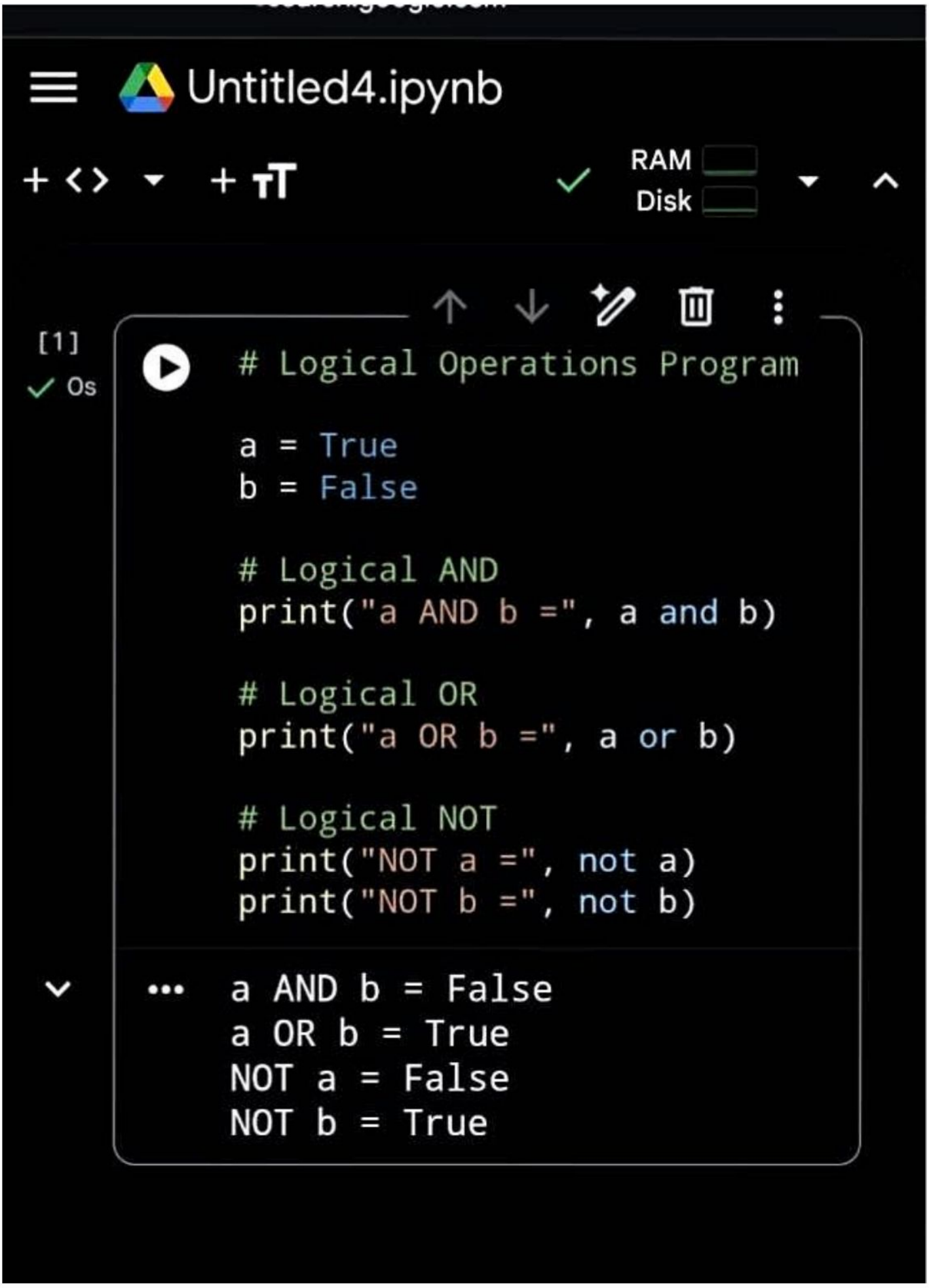
[13]
0s

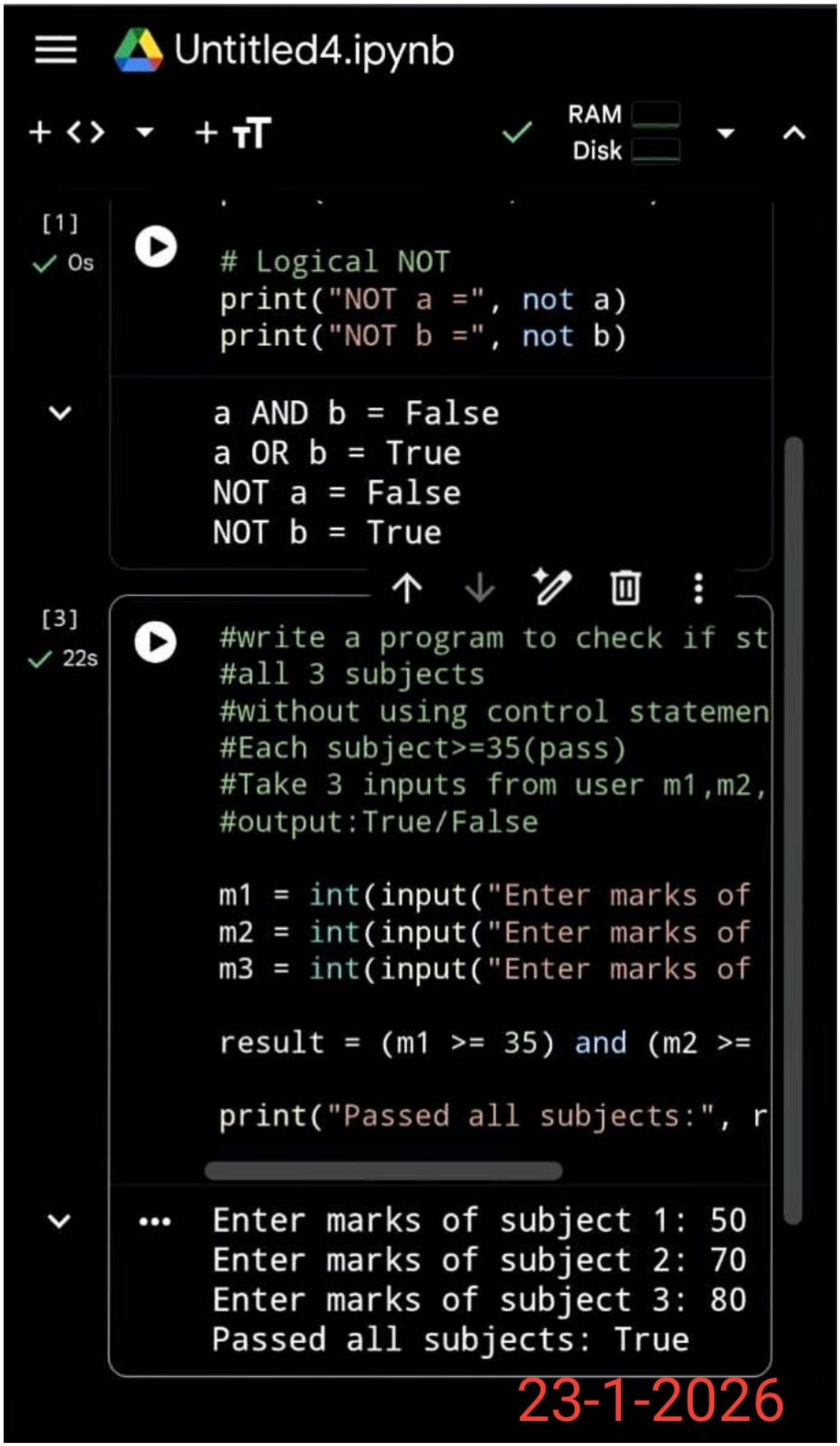
```
heck if unit digit of that numbe


0 and (number % 10) % 2 == 0
```

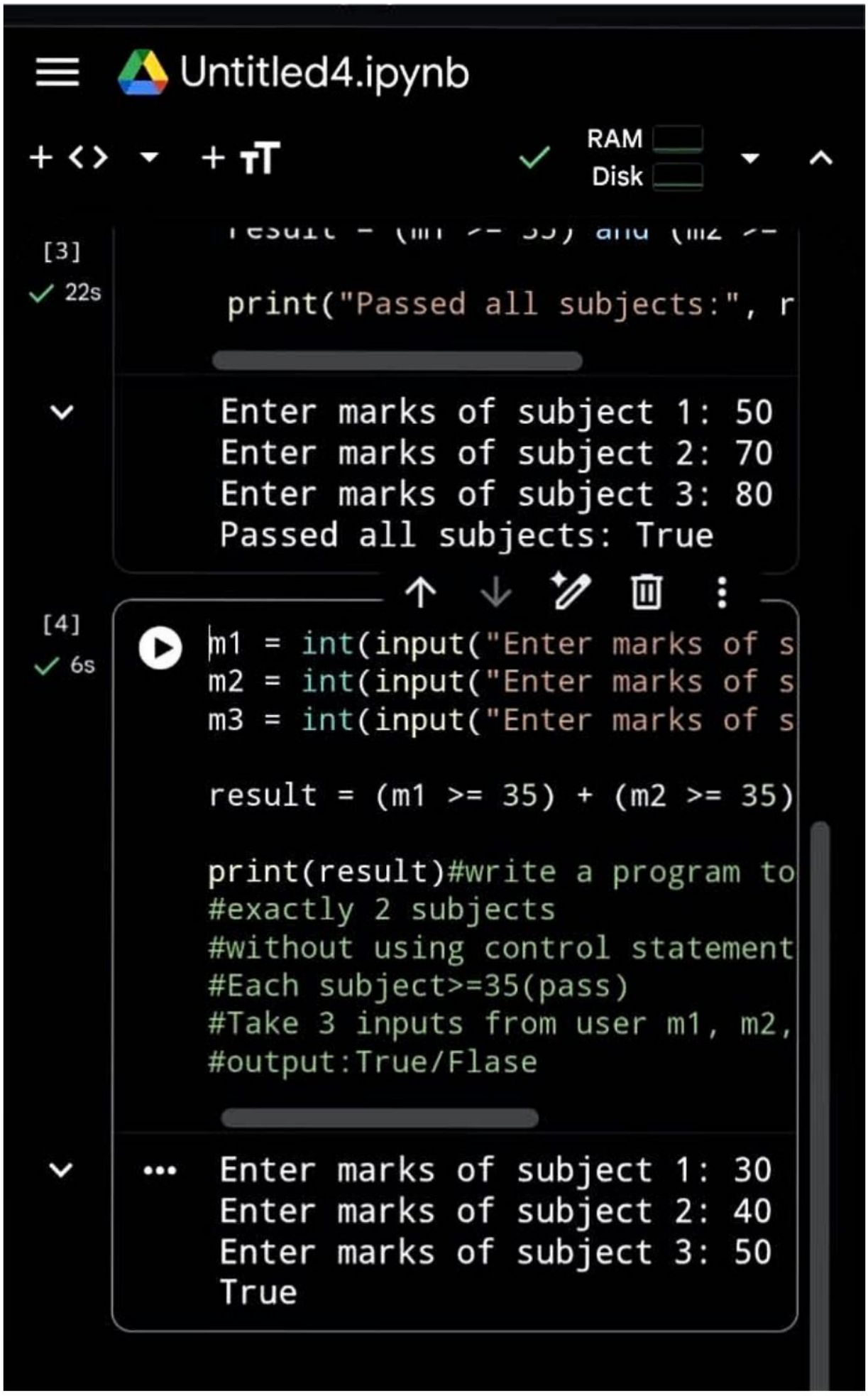
```
True
```

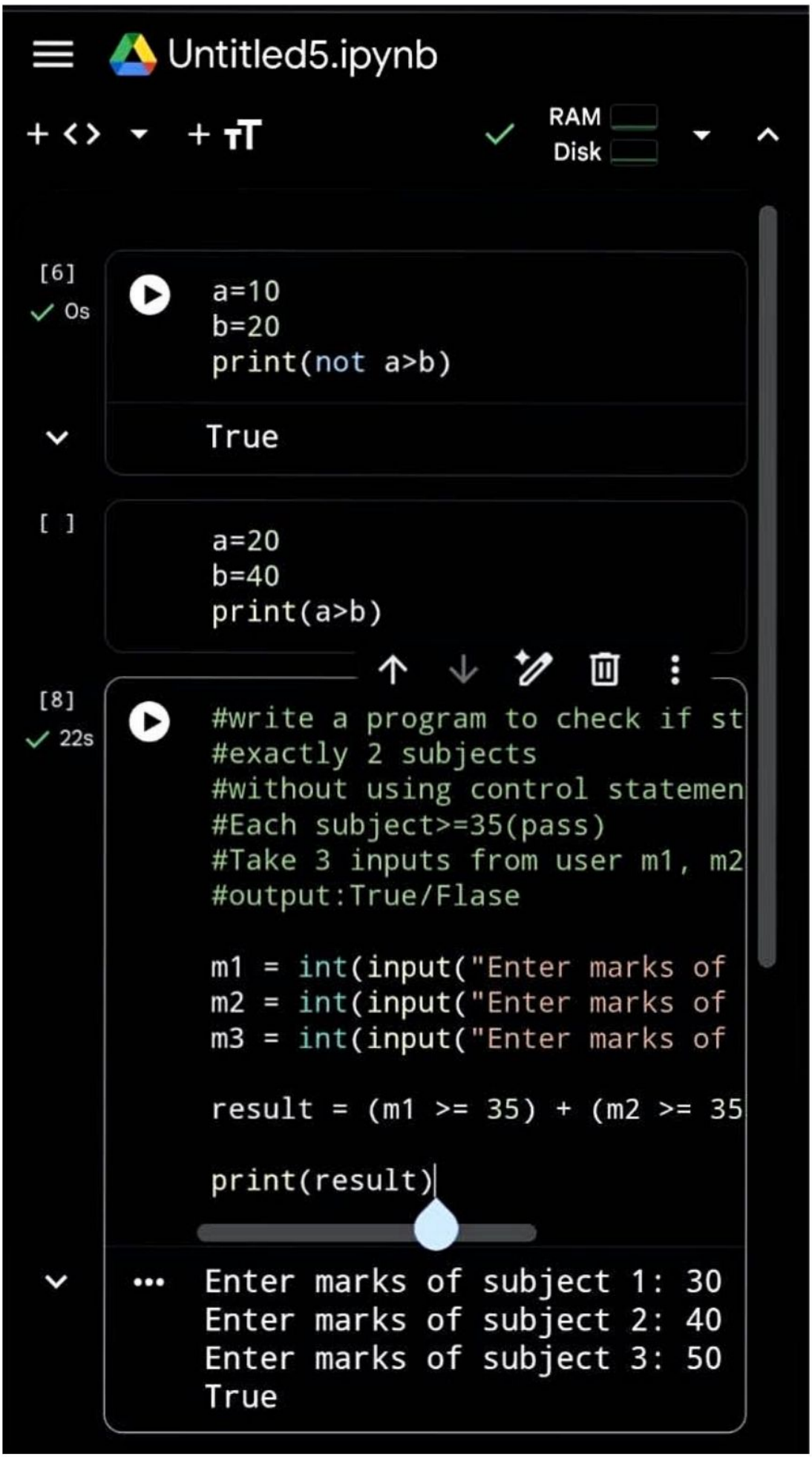
22-1-2026

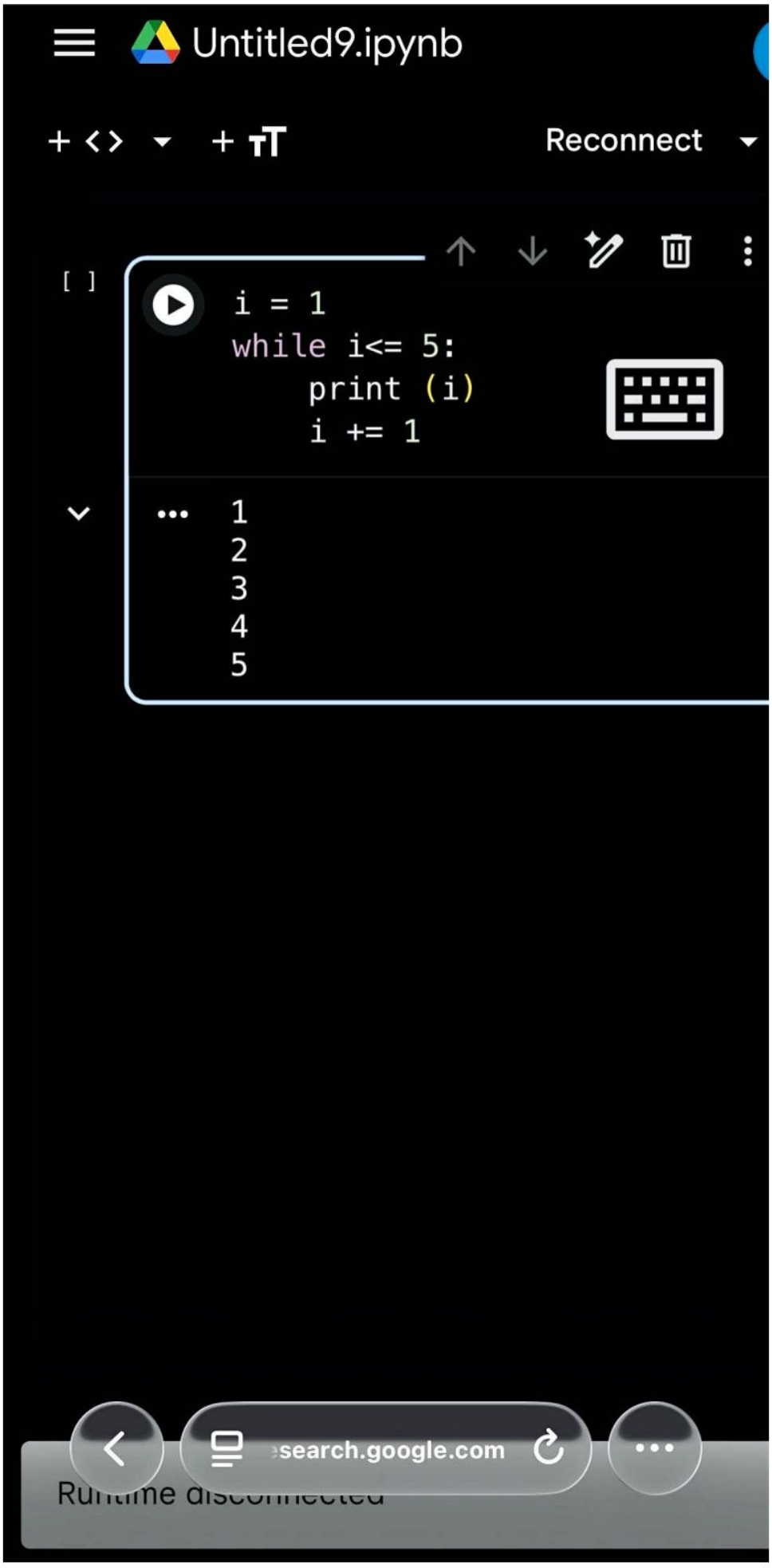

Untitled3.ipynb
RAM
Disk
[7]
0s
a=10
print(a>0)
True
[8]
0s
a=10
print(a<0)
False
[12]
0s
#output
#Give number lies between 10,20
a=17
print(a>10,a<20)
True True
[ ]

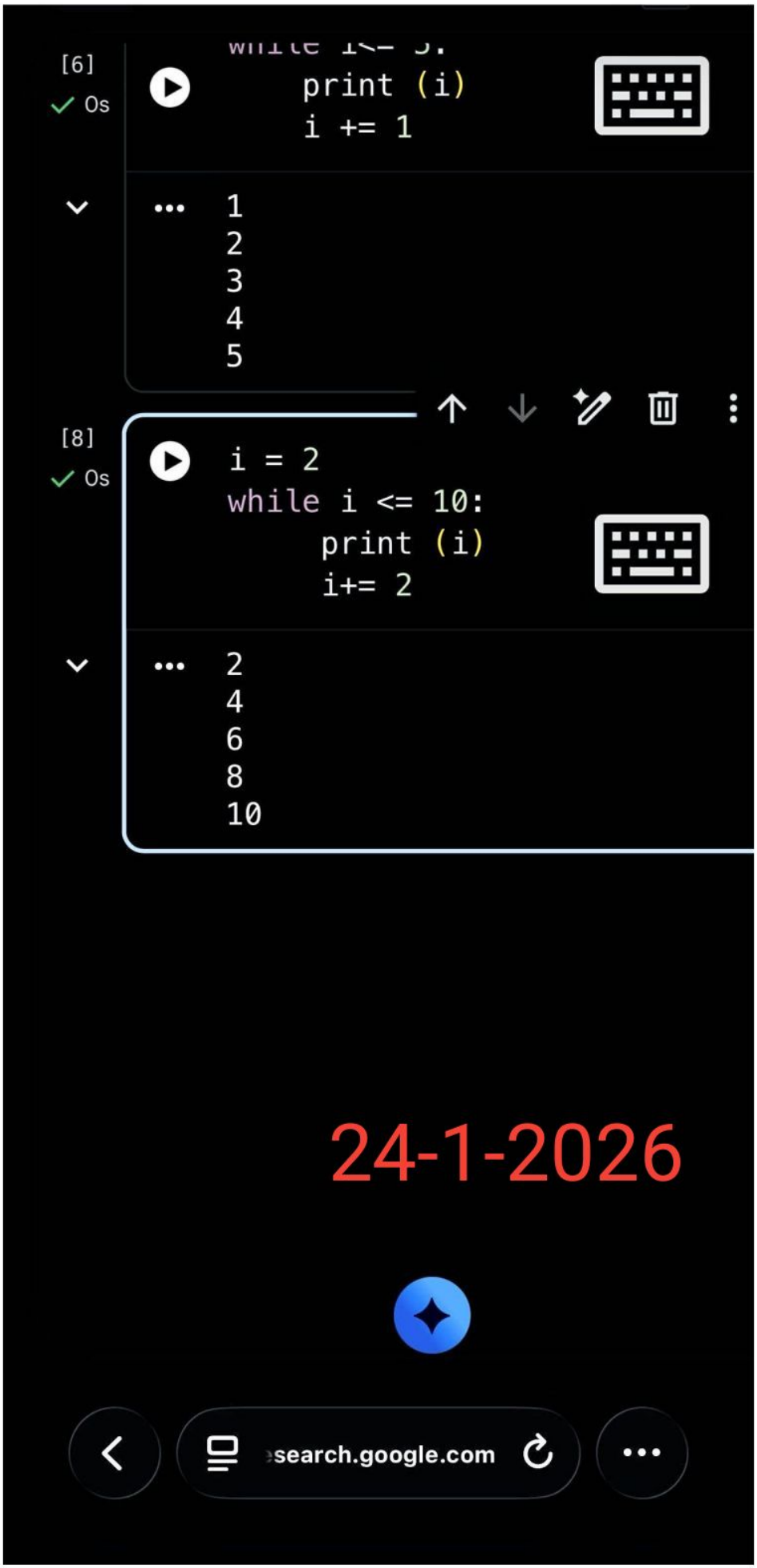

Untitled4.ipynb
RAM
Disk
[1]
0s
# Logical Operations Program
a = True
b = False
# Logical AND
print("a AND b =", a and b)
# Logical OR
print("a OR b =", a or b)
# Logical NOT
print("NOT a =", not a)
print("NOT b =", not b)
a AND b = False
a OR b = True
NOT a = False
NOT b = True

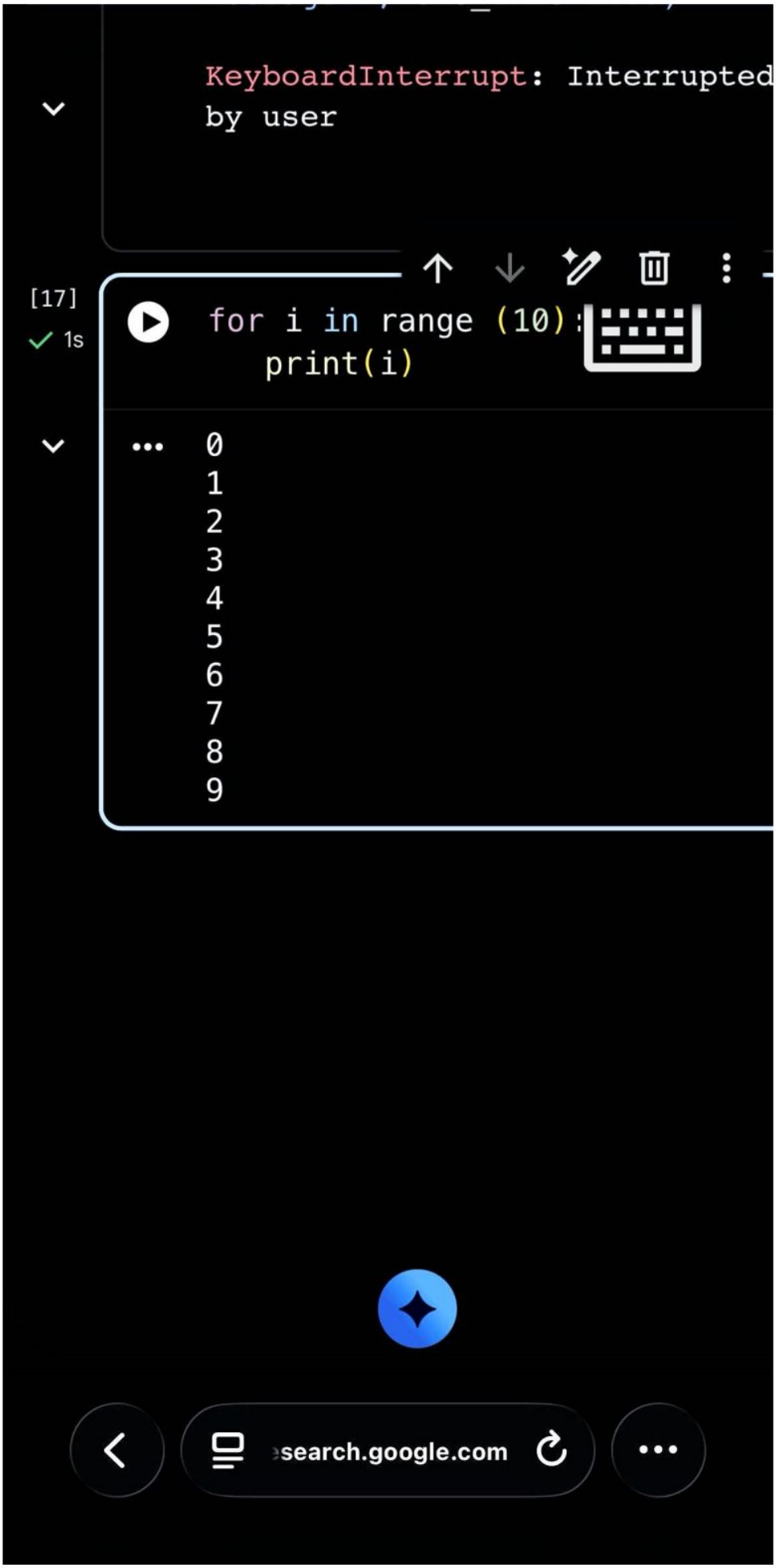

Untitled4.ipynb
RAM
Disk
[1]
0s
# Logical NOT
print("NOT a =", not a)
print("NOT b =", not b)
a AND b = False
a OR b = True
NOT a = False
NOT b = True
[3]
22s
#write a program to check if st
#all 3 subjects
#without using control statemen
#Each subject>=35(pass)
#Take 3 inputs from user m1,m2,
#output:True/False
m1 = int(input("Enter marks of
m2 = int(input("Enter marks of
m3 = int(input("Enter marks of
result = (m1 >= 35) and (m2 >=
print("Passed all subjects:", r
Enter marks of subject 1: 50
Enter marks of subject 2: 70
Enter marks of subject 3: 80
Passed all subjects: True
23-1-2026

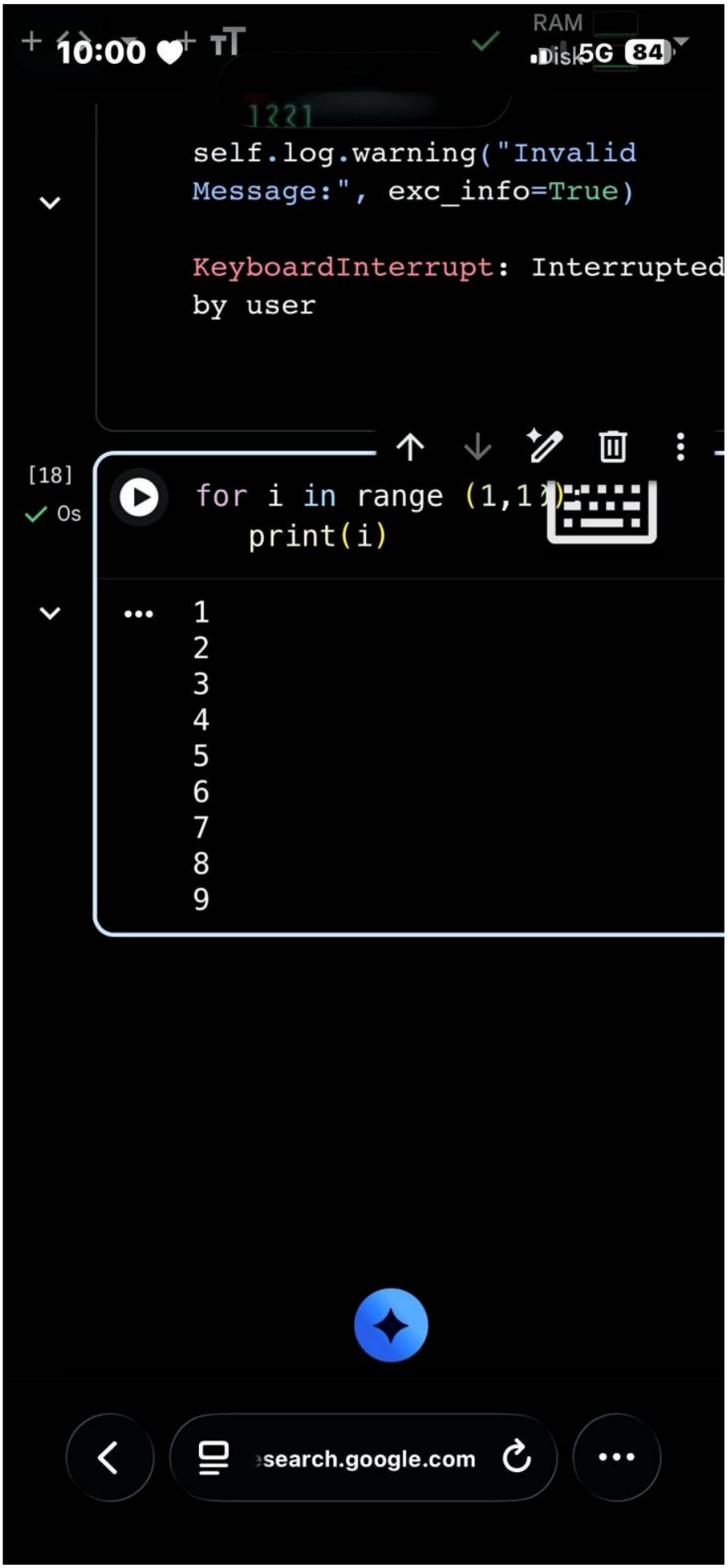

Untitled4.ipynb
RAM
Disk
[3]
22s
print("Passed all subjects:", r
Enter marks of subject 1: 50
Enter marks of subject 2: 70
Enter marks of subject 3: 80
Passed all subjects: True
[4]
6s
m1 = int(input("Enter marks of s
m2 = int(input("Enter marks of s
m3 = int(input("Enter marks of s
result = (m1 >= 35) + (m2 >= 35)
print(result)#write a program to
#exactly 2 subjects
#without using control statement
#Each subject>=35(pass)
#Take 3 inputs from user m1, m2,
#output:True/Flase
Enter marks of subject 1: 30
Enter marks of subject 2: 40
Enter marks of subject 3: 50
True


Untitled5.ipynb
RAM
Disk
[6]
0s
a=10
b=20
print(not a>b)
True
[ ]
a=20
b=40
print(a>b)
[8]
22s
#write a program to check if st
#exactly 2 subjects
#without using control statemen
#Each subject>=35(pass)
#Take 3 inputs from user m1, m2
#output:True/Flase
m1 = int(input("Enter marks of
m2 = int(input("Enter marks of
m3 = int(input("Enter marks of
result = (m1 >= 35) + (m2 >= 35
print(result)
Enter marks of subject 1: 30
Enter marks of subject 2: 40
Enter marks of subject 3: 50
True


Untitled9.ipynb
Reconnect
[ ]
i = 1
while i<= 5:
print (i)
i += 1
1
2
3
4
5
search.google.com
Runtime disconnected


[6]
0s
while i<= 5:
print (i)
i += 1
1
2
3
4
5
[8]
0s
i = 2
while i <= 10:
print (i)
i+= 2
2
4
6
8
10
24-1-2026
search.google.com


KeyboardInterrupt: Interrupted by user
[17]
1s
for i in range (10):
print(i)
0
1
2
3
4
5
6
7
8
9
search.google.com


10:00
RAM
Disk
5G
84
self.log.warning("Invalid
Message:", exc_info=True)
KeyboardInterrupt: Interrupted
by user
[18]
0s
for i in range (1,10):
print(i)
1
2
3
4
5
6
7
8
9
search.google.com

[19]
✓ 0s

```
for i in range (3,3*3):
    print(i)
```

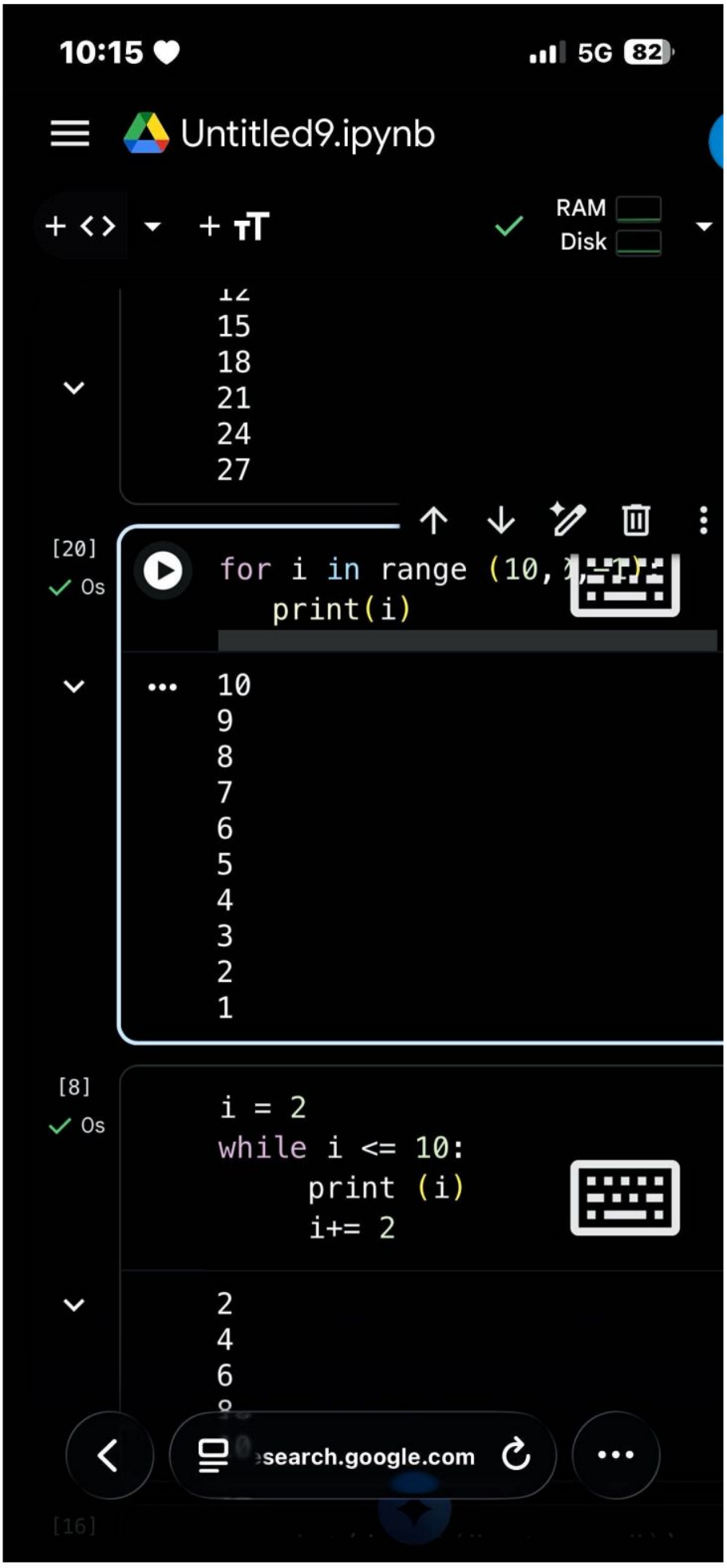
```
3
6
9
12
15
18
21
24
27
```

[8]
✓ 0s

```
i = 2
while i <= 10:
    print (i)
    i+= 2
```

```
2
4
6
8
```

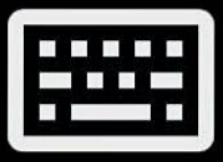
search.google.com


10:15
5G 82
Untitled9.ipynb
RAM
Disk
15
18
21
24
27
[20]
0s
for i in range (10,
print(i)
10
9
8
7
6
5
4
3
2
1
[8]
0s
i = 2
while i <= 10:
print (i)
i+= 2
2
4
6
search.google.com
[16]

```
2
1
```

[1]
✓ 1s

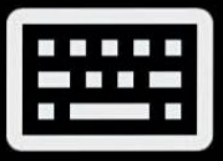
```
n = 3456
count = len(str(n))
print(count)
```



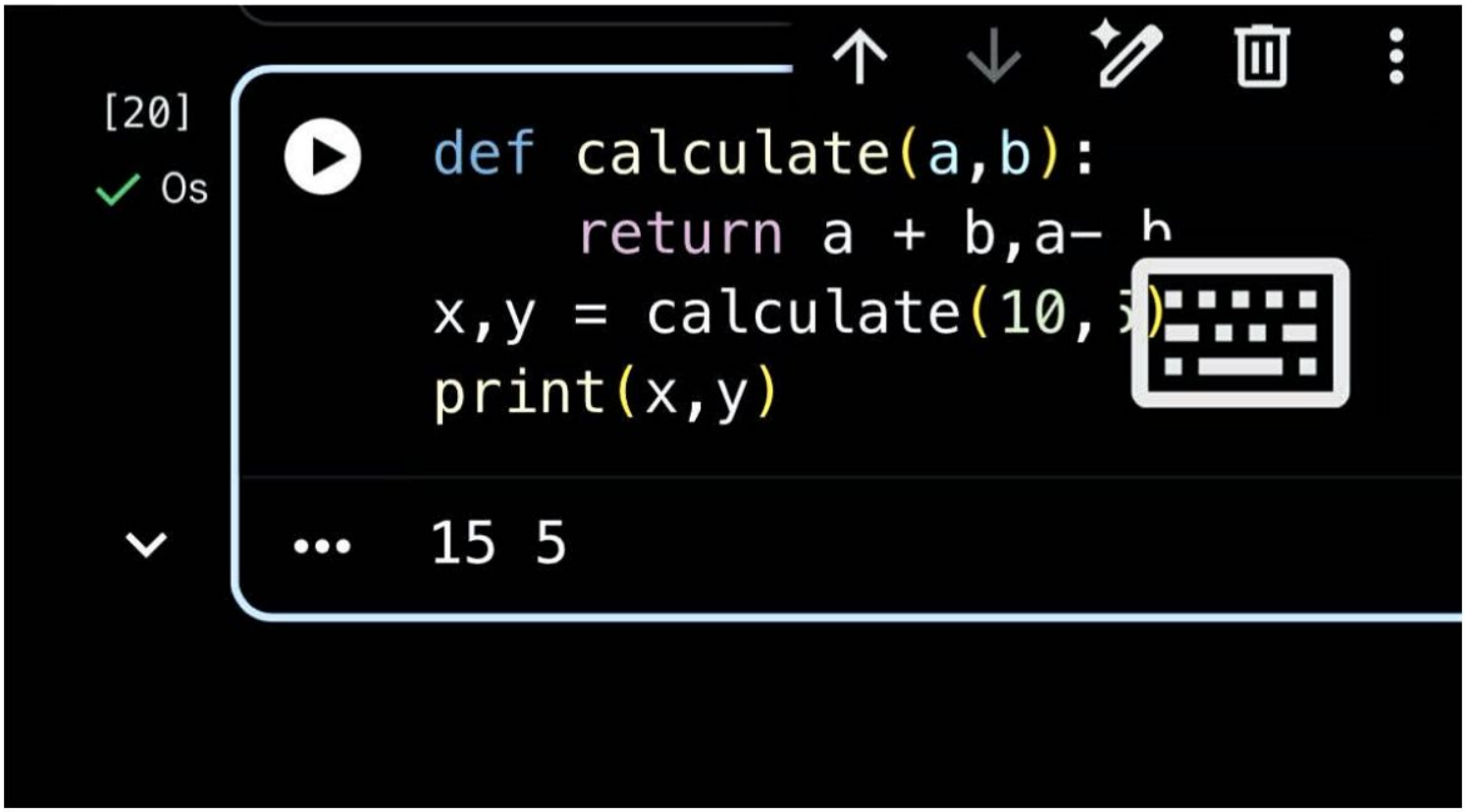
```
4
```

[ ]

```
i = 2
while i <= 10:
    print (i)
    i+= 2
```



```
2
4
6
8
10
```


[20]
0s
def calculate(a,b):
return a + b,a- b
x,y = calculate(10,5)
print(x,y)
15 5

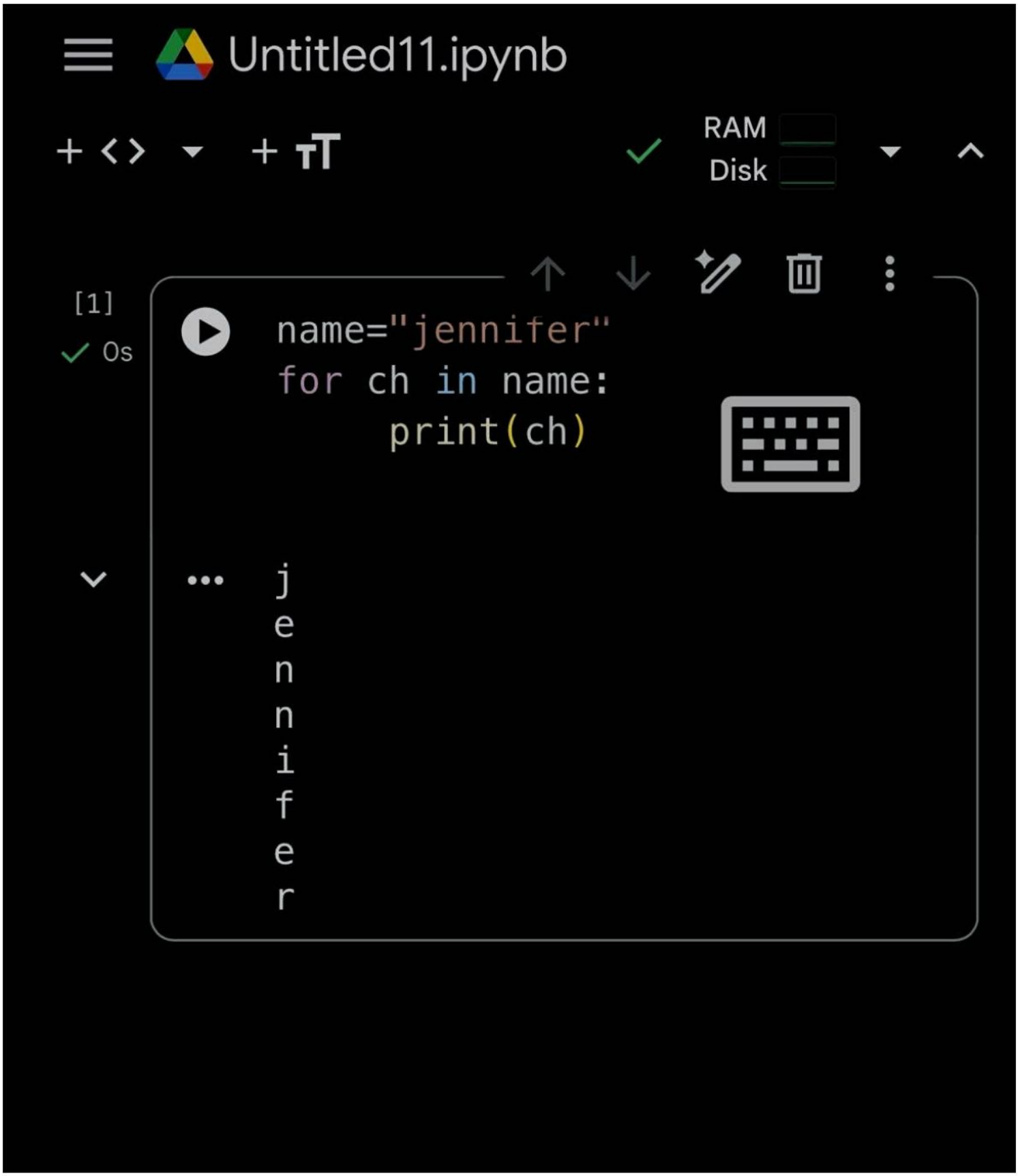
```python
def factorial(n):
    if n == 0:
        return 1
    else:
        return n * f[illegible](n-
print(factorial(4))
```

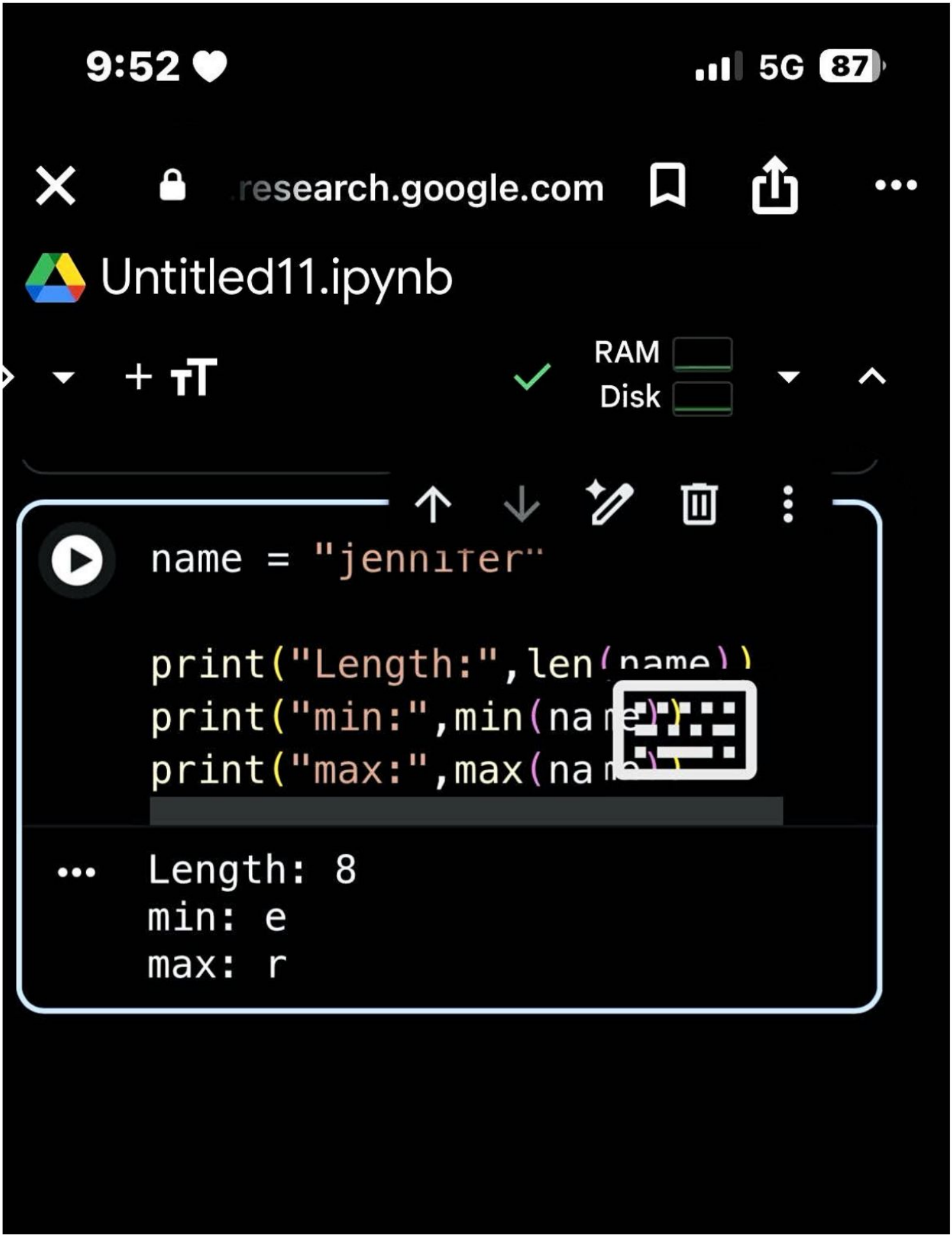
```
24
```

```python
def add (a,b):
    return a + b
print(add(1 ,20))
```

```
21
```

29-1-2026


Untitled11.ipynb
RAM
Disk
[1]
0s
name="jennifer"
for ch in name:
print(ch)
j
e
n
n
i
f
e
r


9:52
5G 87
research.google.com
Untitled11.ipynb
RAM
Disk
name = "jennifer"
print("Length:",len(name))
print("min:",min(name))
print("max:",max(name))
Length: 8
min: e
max: r