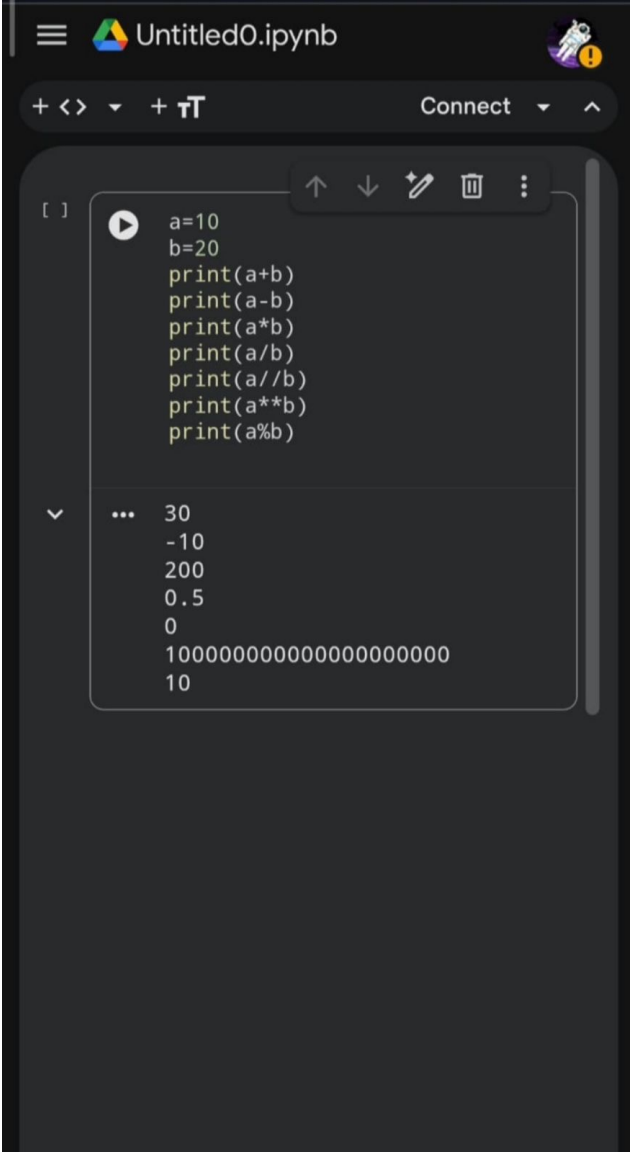
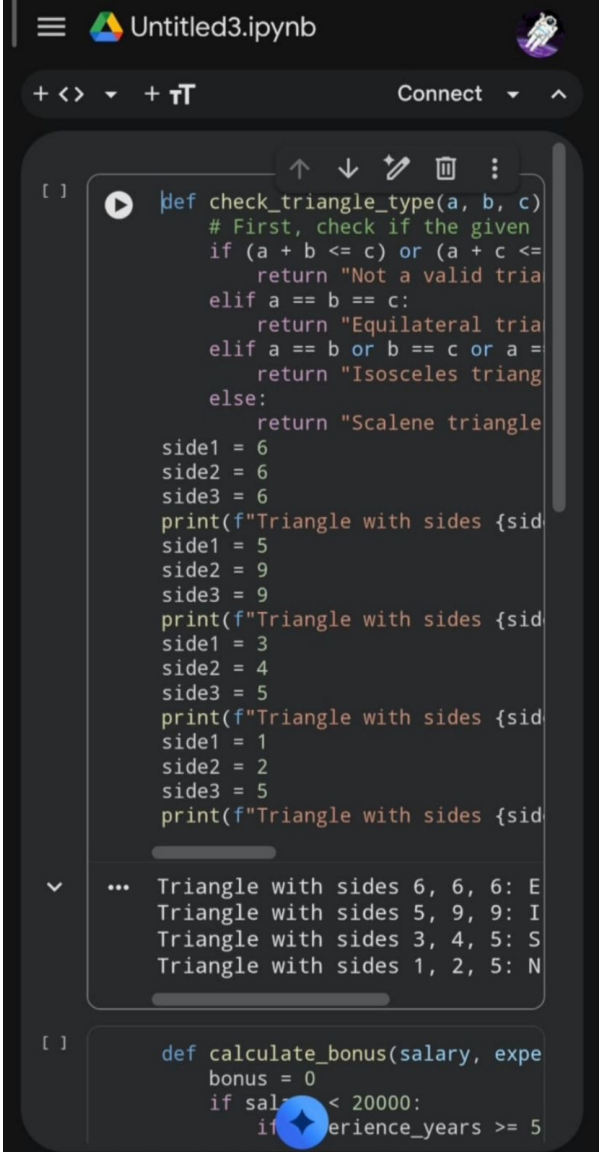

Untitled0.ipynb
Connect
[ ]
a=10
b=20
print(a+b)
print(a-b)
print(a*b)
print(a/b)
print(a//b)
print(a**b)
print(a%b)
30
-10
200
0.5
0
100000000000000000000
10


Untitled3.ipynb
Connect
[ ]
def check_triangle_type(a, b, c)
# First, check if the given
if (a + b <= c) or (a + c <=
return "Not a valid tria
elif a == b == c:
return "Equilateral tria
elif a == b or b == c or a =
return "Isosceles triang
else:
return "Scalene triangle
side1 = 6
side2 = 6
side3 = 6
print(f"Triangle with sides {sid
side1 = 5
side2 = 9
side3 = 9
print(f"Triangle with sides {sid
side1 = 3
side2 = 4
side3 = 5
print(f"Triangle with sides {sid
side1 = 1
side2 = 2
side3 = 5
print(f"Triangle with sides {sid
Triangle with sides 6, 6, 6: E
Triangle with sides 5, 9, 9: I
Triangle with sides 3, 4, 5: S
Triangle with sides 1, 2, 5: N
[ ]
def calculate_bonus(salary, expe
bonus = 0
if sal < 20000:
if erience_years >= 5

Untitled4.ipynb

Connect

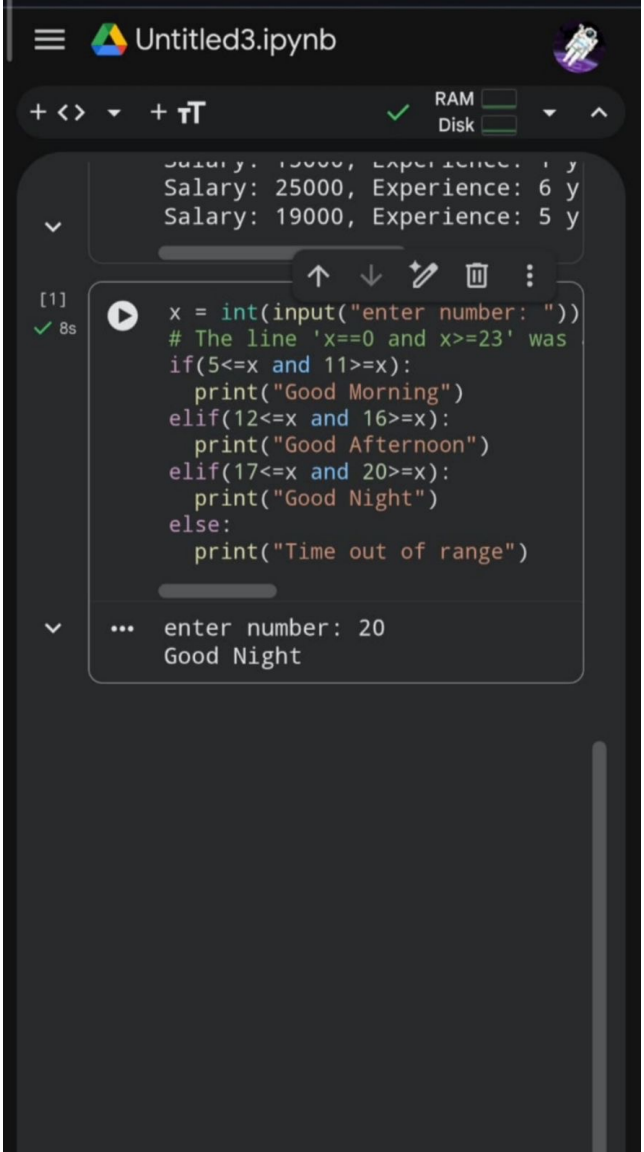
```
Is Charging:1
Charging
```

```
age =int(input("Enter age: "))
test_passed =int(input("Driving
if age>=18 and test_passed ==1:
   print("eligible")
elif age>=60 and test_passed ==0
   print("eligible")
else:
   print("not eligible")
```

```
Enter age: 18
Driving test_passed:0
not eligible
```

```
amount=int(input("Enter Amount:"
isGold=int(input("Is User a Gold
distance=float(input("Enter Dista
if distance>10:
    print("Delivery Charged")
elif amount>=500 or isGold==1:
    print ("Free Delivery ")
else:
    print(" Delivery Charged")
```

```
Enter Amount:600
Is User a Gold Member:0
Enter Distance:8
Free Delivery
```


Untitled3.ipynb
RAM
Disk
Salary: 25000, Experience: 6 y
Salary: 19000, Experience: 5 y
[1]
8s
x = int(input("enter number: "))
# The line 'x==0 and x>=23' was
if(5<=x and 11>=x):
print("Good Morning")
elif(12<=x and 16>=x):
print("Good Afternoon")
elif(17<=x and 20>=x):
print("Good Night")
else:
print("Time out of range")
enter number: 20
Good Night

Untitled3.ipynb

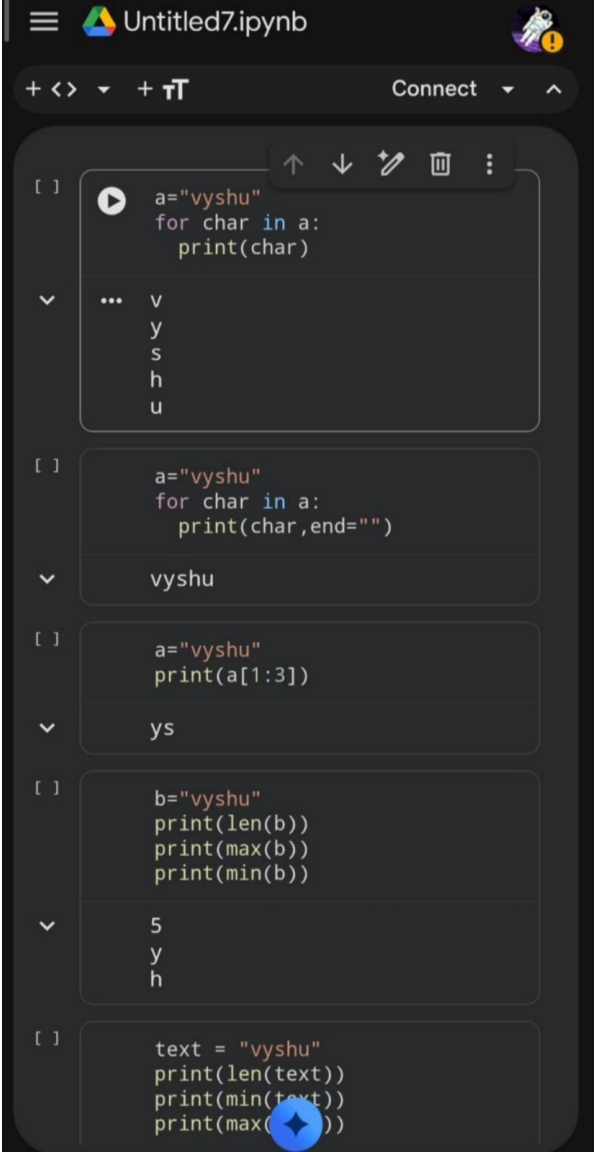
Connect

Triangle

```
def calculate_bonus(salary, expe
    bonus = 0
    if salary < 20000:
        if experience_years >= 5
            bonus = salary * 0.2
        elif experience_years >=
            bonus = salary * 0.1
    return bonus
print(f"Salary: 15000, Experienc
print(f"Salary: 15000, Experienc
print(f"Salary: 15000, Experienc
print(f"Salary: 25000, Experienc
print(f"Salary: 19000, Experienc
```

```
Salary: 15000, Experience: 6 y
Salary: 15000, Experience: 3 y
Salary: 15000, Experience: 1 y
Salary: 25000, Experience: 6 y
Salary: 19000, Experience: 5 y
```

```
x = int(input("enter number: "))
# The line 'x==0 and x>=23' was
if(5<=x and 11>=x):
  print("Good Morning")
elif(12<=x and 16>=x):
  print("Good Afternoon")
elif(17<=x and 20>=x):
  print("Good Night")
else:
  print("Time out of range")
```


Untitled7.ipynb
Connect
[ ]
a="vyshu"
for char in a:
print(char)
v
y
s
h
u
[ ]
a="vyshu"
for char in a:
print(char,end="")
vyshu
[ ]
a="vyshu"
print(a[1:3])
ys
[ ]
b="vyshu"
print(len(b))
print(max(b))
print(min(b))
5
y
h
[ ]
text = "vyshu"
print(len(text))
print(min(text))
print(max(

Untitled5.ipynb

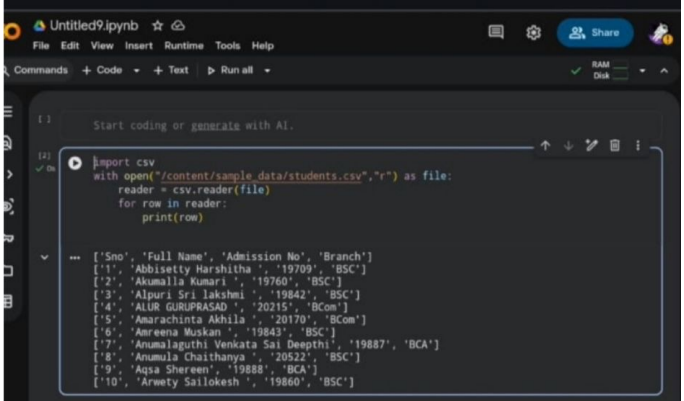
Connect

```
n=10
i = 1
while i <= n:
  print(i)
  i += 1
```

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

```
n=20
i = 1
while i <= n:
   if i % 2 == 0:
       print(i)
   i += 1
```

```
2
4
6
8
10
12
14
16
18
20
```


Untitled9.ipynb
File Edit View Insert Runtime Tools Help
Share
Commands + Code + Text Run all
RAM
Disk
Start coding or generate with AI.
import csv
with open("/content/sample_data/students.csv","r") as file:
reader = csv.reader(file)
for row in reader:
print(row)
['Sno', 'Full Name', 'Admission No', 'Branch']
['1', 'Abbisetty Harshitha ', '19709', 'BSC']
['2', 'Akumalla Kumari ', '19760', 'BSC']
['3', 'Alpuri Sri lakshmi ', '19842', 'BSC']
['4', 'ALUR GURUPRASAD ', '20215', 'BCom']
['5', 'Amarachinta Akhila ', '20170', 'BCom']
['6', 'Amreena Muskan ', '19843', 'BSC']
['7', 'Anumalaguthi Venkata Sai Deepthi', '19887', 'BCA']
['8', 'Anumula Chaithanya ', '20522', 'BSC']
['9', 'Aqsa Shereen', '19888', 'BCA']
['10', 'Arwety Sailokesh ', '19860', 'BSC']

Untitled7.ipynb

Connect

```
''
```

[ ]

```
text = "vyshu"
print(len(text))
print(min(text))
print(max(text))
```

```
5
h
y
```

[ ]

```
from array import array
arr = array('i',[10,20,30,40,50]
print(arr[1:3])
print(arr[2:4])
print(arr[2:3])
```

```
array('i', [20, 30])
array('i', [30, 40])
array('i', [30])
```

[ ]

Untitled5.ipynb

Connect

```
i=1
n=int(input("enter n :"))
sum=0
while i <= n:
  sum += i
  i += 1
print(sum)
```

```
enter n :5
15
```

```
for i in range(3 ,30):
     i = i + 1
     print(i)
```

```
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
```

Untitled5.ipynb

Connect

```
for i in range(4 , 0 , -1):
    print(i)
```

```
4
3
2
1
```

```
n=345
Sum = 0
while n > 0:
  Sum+= n % 10
  n=(n // 10)
print(Sum)
```

```
12
```

```
n=1234
rev=0
while n > 0:
   digit = n % 10
   rev = rev * 10 + digit
   n //= 10
print(rev)
```

```
4321
```

Untitled5.ipynb

Connect

```
27
28
29
30
```

```
for i in range (1 ,11):
    print(i)
```

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

```
n=356
print(n % 10)
print(356 // 10)
print(35 // 10)
print(3 // 10)
Count=0
while n>0:
  Count = Count+1
  n= n // 10
print(Count)
```

```
6
35
3
0
3
```

```
for i in r
```

Untitled4.ipynb

Connect

```
age=int(input("Enter age:"))
_3D=int(input("Is a 3D movie:"))
if age<13:
 price=150
elif age>=13 and age<=59:
 price=250
else :
    price=200
if _3D==1:
    price+=50
else:
    price+=0
print("Ticket Price:", price)
```

```
Enter age:21
Is a 3D movie:1
Ticket Price: 300
```

```
attendance=float(input("Enter at
mc=int(input("Medical certificat
if attendance>=75:
    print("Allowed")
elif attendance>=60 or attendanc
    print("Allowed")
else:
    print("Not Allowed")
```

```
Enter attendance percentage: 8
Medical certificate (1=yes, 0=
Allowed
```

```
bill=int(input("Enter bill:"))
prime=int(input("Prime member:")
discount=0
```

Untitled4.ipynb

Connect

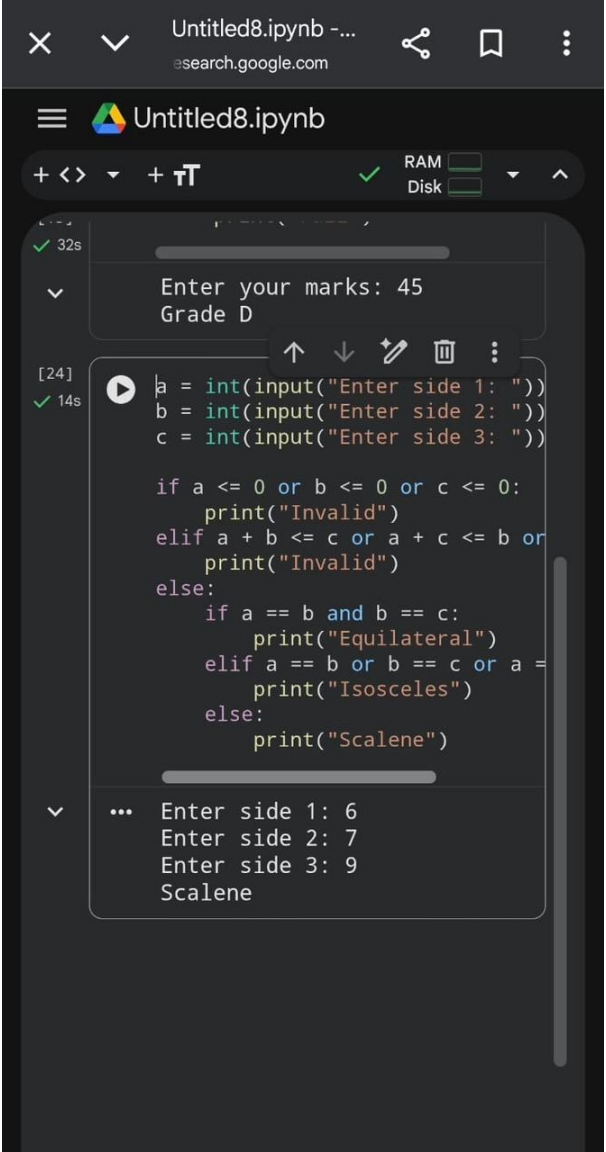
```
bill=int(input("Enter bill:"))
prime=int(input("Prime member:")
discount=0
if bill>=5000:
    discount=bill*20/100
elif bill>=2000 or bill<=4999:
   discount=bill*10/100
if prime==1:
    discount+=bill*5/100
else:
    discount+=0
final_amount=bill-discount
print ("Final Amount:", final_am
```

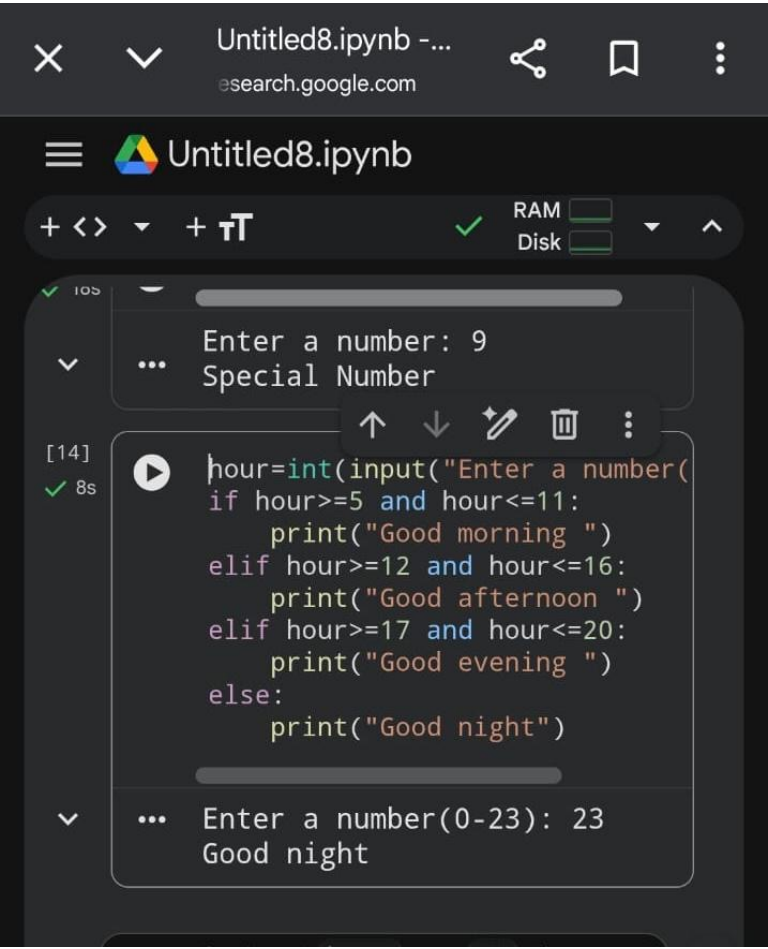
```
Enter bill:5000
Prime member:1
Final Amount: 3750.0
```

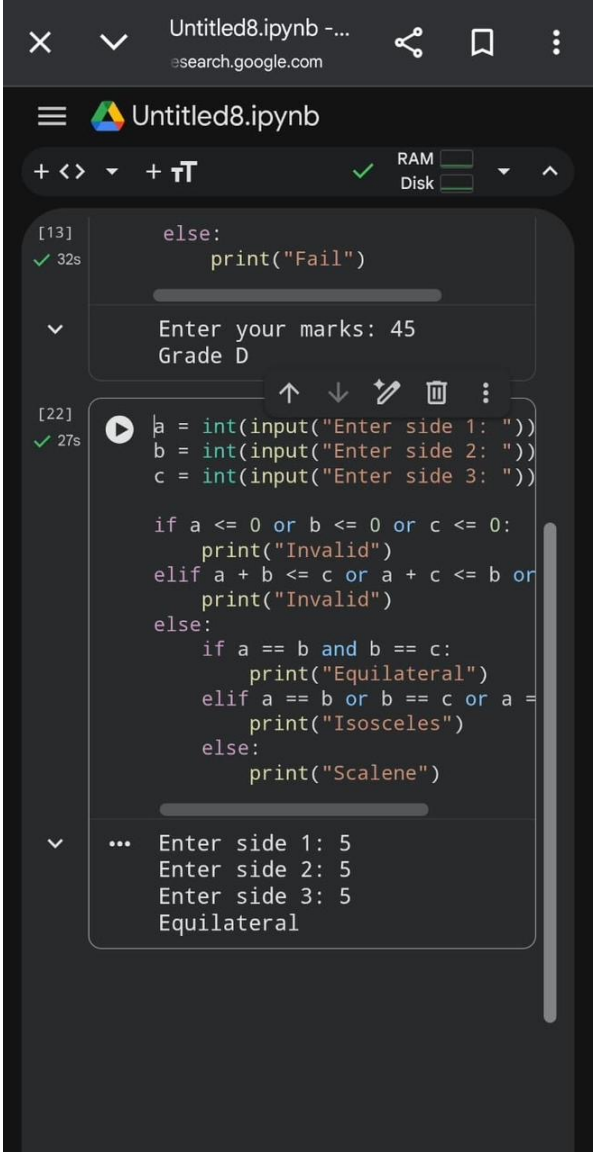
```
battery=int(input("Enter battery
isCharging=int(input("Is Chargin
if isCharging==1:
    print("Charging ")
elif battery<=20:
    print ("Low Battery")
elif battery>=21 and battery<=80
    print ("Normal Battery")
else:
    print ("Full Battery")
```

```
Enter battery:60
Is Charging:1
Charging
```

```
age =int(input("Enter age: "))
```


Untitled8.ipynb -...
esearch.google.com
Untitled8.ipynb
RAM
Disk
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 -...
esearch.google.com
Untitled8.ipynb
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

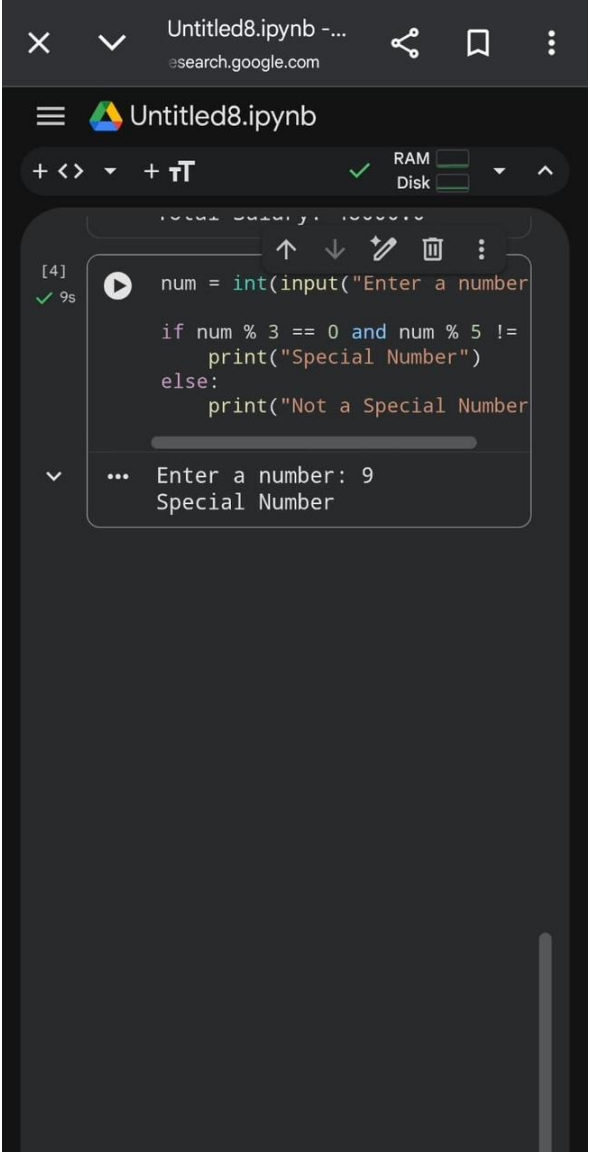

Untitled8.ipynb -...
esearch.google.com
Untitled8.ipynb
RAM
Disk
[13]
32s
else:
print("Fail")
Enter your marks: 45
Grade D
[22]
27s
a = int(input("Enter side 1: "))
b = int(input("Enter side 2: "))
c = int(input("Enter side 3: "))
if a <= 0 or b <= 0 or c <= 0:
print("Invalid")
elif a + b <= c or a + 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

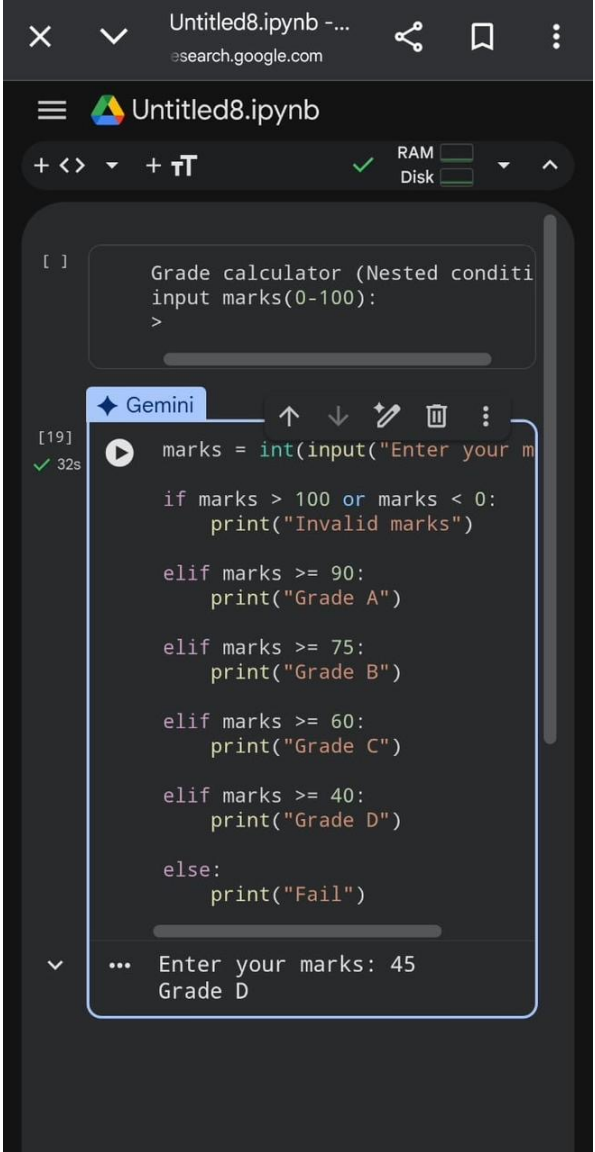
[3]
✓ 7s

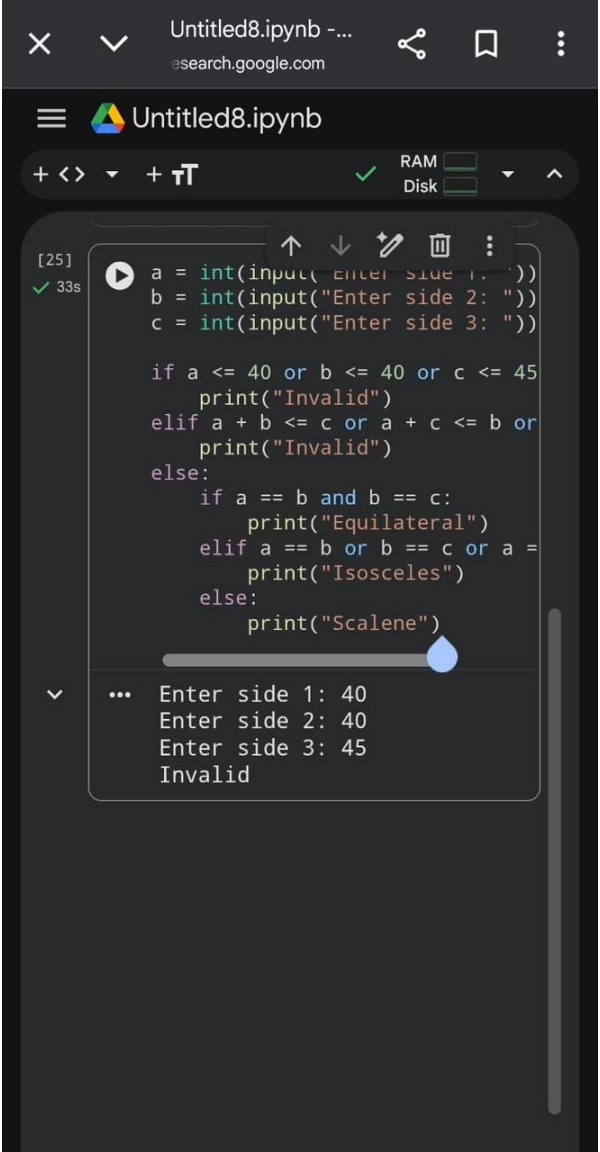
```
marks = int(input("Enter marks

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
```


Untitled8.ipynb -...
esearch.google.com
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


Untitled8.ipynb -...
esearch.google.com
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


Untitled8.ipynb -...
esearch.google.com
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