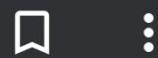


X ✓ Untitled4.ipynb - Colab
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≡ Google Colab Untitled4.ipynb

+ <> ▾ + ⚡ RAM [] ▾ Disk [] ^

24/12/2025

[1]
✓ 1s



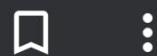
```
first="kuruva"  
middle="Thanusha"  
full=first+middle  
print(full)  
print(first,middle)
```

▼

... kuruvaThanusha
kuruva Thanusha



X ✓ Untitled7.ipynb - Colab
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≡ Untitled7.ipynb

+ <> ✓ RAM [] Disk []

29/12/2025

[3]

✓ Os

#Simple Intrest

```
principal = 1000  
rate = 5  
time = 2
```

```
# Calculate simple interest  
simple_interest = (principal * r
```

```
print(f"The simple interest is:
```

The simple interest is: 100.0

[7]

✓ Os



```
a=85  
b=90  
c=78  
d=92  
Average=(85+90+78+92/4)  
print (Average)
```

276.0

[8]

✓ Os



```
base=2  
exponent =5  
result=(base**exponent)  
print(result)
```

32

[9]

✓ Os



```
a=8  
b=10  
result=(a*b)  
print (res
```



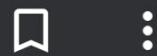
↑ ↓ ✎ 🖌️ ⏪ ⏴



12:46

NR 5G+

X Untitled9.ipynb - Colab
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≡ Untitled9.ipynb

+ <> ▾ + ⚡ RAM Disk ^

2/1/2026

[1]
✓ 1s

▶ a=2
b=4
print(a+b)

6

↑ ↓ ✎ 🗑️ ⋮

[4]
✓ 0s

▶ a=16
b=19
print(a<b and b>a)

▼ ... True

[]

What can I help you build?



Gemini 2.5 Flash ▾ ➔



☰ Untitled9.ipynb

+ <> ▾ + ⌂

✓ RAM [██████] ▾ Disk [██████] ^

[1]

✓ 1s

▶ a=2
b=4
print(a+b)

6

↑ ↓ ✎ 🗑 :

[5]

✓ 0s

▶ a=16
b=19
print(a<b or b>a)

▼ ... True

[]

What can I help you build?

+

Gemini 2.5 Flash ▾ ➤



☰ Untitled9.ipynb

+ <> ▾ + ⌂

✓ RAM Disk

[1]
✓ 1s

▶ a=2
b=4
print(a+b)

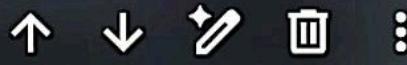
6

[7]
✓ 0s

▶ a=16
b=19
print(not a<b)

… False

[]



What can I help you build?

+

Gemini 2.5 Flash ▾ ➤



Untitled9.ipynb

+ <> ▾ + T

✓ RAM [██████] ▾ Disk [██████] ^

[1]

✓ 1s
a=2
b=4
print(a+b)

6

[7]

✓ 0s
a=16
b=19
print(not a<b)

False

↑ ↓ ⚡ 🗑️ :

[8]

✓ 0s
m1=40
m2=37
m3=32
print(m1,m2,m2 >35)

... 40 37 True





Untitled9.ipynb

+ <> ▾ + ↻

✓ RAM [] Disk [] ▾ ▾

[9]
✓ 1sa=2
b=4
print(a+b,a-b,a*b,a/b,a%b,a**b)

... 6 -2 8 0.5 2 16

[7]
✓ 0sa=16
b=19
print(not a<b)

False

[8]
✓ 0sm1=40
m2=37
m3=32
print(m1,m2,m2 >35)

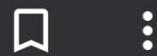
40 37 True



9:34

NR 5G+ .111

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≡ Untitled10.ipynb

9/1/2026

+ <> ▾ + T



RAM []
Disk []

[9]
✓ 4s

Connected to
Python 3 Google Compute Engine backend

RAM: 1.03 GB/12.67 GB

Disk: 21.16 GB/107.72 GB

```
m=int(input("Enter Marks:"))  
if 0<=m>=100:  
    if m>=90:  
        print("A Grade")  
    elif m>=75:  
        print("B Grade")  
    elif m>=60:  
        print("C Grade")  
    elif m>=40:  
        print("D Grade")  
    else:  
        print("Fail")  
else:  
    print("invalid")
```

... Enter Marks:-50
invalid



GIF



1

2

3

4

5

6

7

8

9

0

Q

W

E

R

T

Y

U

I

O

P

A

S

D

F

G

H

J

K

L



Z

X

C

V

B

N

M



?123

,



.



[1]
✓ 28s

```
↑ ↓ ✎ ⌛ :
```

```
a=float(input("Enter side a:"))
b=float(input("Enter side b:"))
c=float(input("Enter side c:"))

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



```
... Enter side a:3
Enter side b:5
Enter side c:8
Invalid triangle
```

[2]
✓ 13s



```
a=float(input("Enter side a:"))
b=float(input("Enter side b:"))
c=float(input("Enter side c:"))

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



... Enter side a:5
Enter side b:9
Enter side c:5
Isosceles triangle

[]



[3]



↑ ↓ ✎ ⌛ :

```
salary = int(input("Enter salary")
experience = int(input("Enter ye

if salary < 20000 and experience
    print("Bonus = 20%")
elif salary < 20000 and experien
    print("Bonus = 10%")
else:
    print("No bonus")
```

... Enter salary: 15000
Enter years of experience: 3
Bonus = 10%



[4]
✓ 14s



```
salary = int(input("Enter salary  
experience = int(input("Enter ye  
  
if salary < 20000 and experience  
    print("salary = 20%")  
elif salary < 20000 and experien  
    print("salary = 10%")  
else:  
    print("No salary")
```

... Enter salary: 15000
Enter years of experience: 3
salary = 10%

X ✓ Untitled12.ipynb -... b.research.google.com

+ <> ▾ + ↗ RAM [] ▾ Disk []

22/1/2026

[6]
✓ 12s

```
▶ | age = int(input("Enter age: "))  
is3D = int(input("Is it a 3D mov  
  
if age < 13:  
    price = 150  
elif age <= 59:  
    price = 250  
else:  
    price = 200  
  
if is3D == 1:  
    price += 50  
  
print("Final Ticket Price: ₹", p
```

▼ ... Enter age: 23
Is it a 3D movie? (1 for Yes,
Final Ticket Price: ₹ 250

What can I help you build?



Gemini 2.5 Flash ▾ ➤



3D movie? (1 for Yes, 0 for No)
Ticket Price: ₹ 250



[7]
✓ 1m



```
attendance = int(input("Enter attendance percentage: "))
medical = int(input("Medical certificate (1 for Yes, 0 for No): "))

if attendance >= 75 or (attendance < 75 and medical == 1):
    print("Allowed")
else:
    print("Not Allowed")
```

... Enter attendance percentage: 80
Medical certificate (1 for Yes, 0 for No): 1
Allowed

What can I help you build?



Gemini 2.5 Flash ▾ ➔



✓ 1m

Enter attendance percentage: 80
Medical certificate (1 for Yes,
Allowed

[11]
✓ 25s

bill = float(input("Enter bill amount: "))
isPrime = int(input("Are you a prime member? (1 for Yes, 0 for No) "))

Run cell (Ctrl+Enter)
cell executed in 25.129s
if bill >= 5000:
 discount = 0.20
elif bill <= 2000:
 discount = 0.10
else:
 discount = 0.0

if isPrime == 1:
 discount += 0.05

final_amount = bill - (bill * discount)
print("Final amount to be paid: ₹", final_amount)

... Enter bill amount: 1999
Are you a prime member? (1 for Yes, 0 for No) 1
Final amount to be paid: ₹ 1999.0

[13]
✓ 14s



```
battery = int(input("Enter batte  
isCharging = int(input("Is the d  
  
if isCharging == 1:  
    print("Charging")  
else:  
    if battery <= 20:  
        print("Low Battery")  
    elif battery <= 80:  
        print("Normal")  
    else:  
        print("Full")
```



```
... Enter battery percentage: 90  
Is the device charging? (1 for Chargin
```



[14]
✓ 17s

```
age = int(input("Enter age: "))  
testPassed = int(input("Passed driving test? (1 for Yes, 0 for No)"))  
  
if age >= 60:  
    print("Eligible")  
elif age >= 18 and testPassed == 1:  
    print("Eligible")  
else:  
    print("Not Eligible")
```

... Enter age: 20
Passed driving test? (1 for Yes, 0 for No)
Not Eligible

Not Eligible

↑ ↓ ✎ ⌫ :

[15]
✓ 23s

```
amount = float(input("Enter order amount: "))
isGold = int(input("Is Gold member? (1 for Yes, 0 for No): "))
distance = float(input("Enter delivery distance (km): "))

if distance > 10:
    print("Delivery Charged")
elif amount >= 500 or isGold == 1:
    print("Free Delivery")
else:
    print("Delivery Charged")
```

...
Enter amount: 800
Is Gold member? (1 for Yes, 0 for No): 1
Enter delivery distance (km): 15
Delivery Charged

[16]
✓ 15s

```
salary = int(input("Enter salary"))
creditScore = int(input("Enter c

if salary >= 50000 or (salary >=
    print("Loan Approved")
else:
    print("Loan Rejected")
```

▼

```
... Enter salary: 6000
Enter credit score: 5
Loan Rejected
```

[1]
✓ 10s



```
units = int(input("Enter units consumed: "))

if units <= 100:
    bill = units * 2
elif units <= 200:
    bill = (100 * 2) + (units - 100) * 3
else:
    bill = (100 * 2) + (100 * 3) + (units - 200) * 5

print("Electricity Bill Amount: ₹", bill)
```

... Enter units consumed: 100
Electricity Bill Amount: ₹ 200

[2]
✓ 16s

```
marks = int(input("Enter marks: "))
income = int(input("Enter family
singleParent = int(input("Single

if marks >= 85 and (income < 5000
    print("Scholarship Granted")
else:
    print("Scholarship Not Granted")
```

... Enter marks: 90
Enter family income: 6000
Single parent child? (1 for Yes)
Scholarship Granted

[3]

✓ 11s



```
theory = int(input("Enter theory marks: "))
practical = int(input("Enter practical marks: "))

if (theory >= 40 and practical >= 40):
    print("Pass")
else:
    print("Fail")
```



Enter theory marks: 80

Enter practical marks: 40

Pass

Pass

[4]
✓ 14s



```
|isWeekend = int(input("Is it a w  
daysStayed = int(input("Enter nu
```

```
if isWeekend == 1:  
    rate = 4000  
else:  
    rate = 3000
```

```
bill = rate * daysStayed
```

```
if daysStayed > 3:  
    bill = bill * 0.85
```

... stay? (1 for Yes, 0 for No): 0
days stayed: 5

days stayed: 5



[5] ✓ 30s

```
score = int(input("Enter score:"))
isPremium = int(input("Is premium player? (1 for Yes, 0 for No):"))
usedCheat = int(input("Used cheating? (1 for Yes, 0 for No):"))

if usedCheat == 1:
    print("Access Denied")
elif score >= 100 or isPremium == 1:
    print("Next Level Unlocked")
else:
    print("Level Locked")
```

...

```
Enter score: 200
Is premium player? (1 for Yes, 0 for No): 1
Used cheating? (1 for Yes, 0 for No): 1
Access Denied
```

Used cheating? (1 for Yes, 0 for No)
Access Denied



[6]
✓ 18s



```
dataUsed = float(input("Enter daily data usage (GB): "))
hasUnlimitedPlan = int(input("Has unlimited plan? (1 for Yes, 0 for No): "))
isRoaming = int(input("Is roaming on? (1 for Yes, 0 for No): "))

if isRoaming == 1:
    if dataUsed <= 2:
        print("Unlimited Data")
    else:
        print("Limited Data")
else:
    if dataUsed <= 2 or hasUnlimitedPlan == 1:
        print("Unlimited Data")
    else:
        print("Limited Data")
```

... Enter daily data usage (GB): 4
Has unlimited plan? (1 for Yes, 0 for No): 1
Is roaming on? (1 for Yes, 0 for No): 1
Unlimited Data

Used cheating? (1 for Yes, 0 for No)
Access Denied



[6]
✓ 18s



```
dataUsed = float(input("Enter daily data usage (GB): "))
hasUnlimitedPlan = int(input("Has unlimited plan? (1 for Yes, 0 for No): "))
isRoaming = int(input("Is roaming on? (1 for Yes, 0 for No): "))

if isRoaming == 1:
    if dataUsed <= 2:
        print("Unlimited Data")
    else:
        print("Limited Data")
else:
    if dataUsed <= 2 or hasUnlimitedPlan == 1:
        print("Unlimited Data")
    else:
        print("Limited Data")
```

... Enter daily data usage (GB): 4
Has unlimited plan? (1 for Yes, 0 for No): 1
Is roaming on? (1 for Yes, 0 for No): 1
Unlimited Data

What can I help you build?



Gemini 2.5 Flash ▾ ➤



X ✓ Untitled14.ipynb -... b.research.google.com

+ <> ✓ RAM [] Disk []

23/1/2026

[2]
✓ 0s



n=20
for I in range(1,n+1):
 print(I)

▼

... 1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20



[4]
✓ 0s



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



...

1
2
3
4
5
6
7
8
9
10



[8]
✓ 0s



```
i=2  
e=50  
while i <= e:  
    print(i)  
    i+=2
```

↑ ↓ ⚡ 🖌️ ⏷



... 2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50

19
20



[27]

✓ 4s



```
i=1
n=10
sum=0
while i <= n:
    sum+=i
    i+=1
print(sum)
```

▼

... 1
3
6
10
15
21
28
36
45
55

[8]

✓ 0s



```
i=2
e=50
while i <= e:
    print(i)
    i+=2
```

▼

2
4
6
8
10
12
14
16
18



48
50

for i in range(5,10):
 print(i)

... 5
6
7
8
9

Colab paid products.  Cancel contracts here.

9

↑ ↓ ✎ ⌫ :

[36] ✓ 0s

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

...

1
2
3
4
5
6
7
8
9
10



[41] ✓ 0s

```
for I in range(3,31,3):
    print(I)
```

...

3
6
9
12
15
18
21
24
27
30

Toggle Gemini



[41]
✓ 0s



```
for I in range(3,31,3):  
    print(I)
```

... 3
6
9
12
15
18
21
24
27
30



▼

30



[45]
✓ 0s



```
for i in range (11,0,-1):  
    print(i)
```

...

11
10
9
8
7
6
5
4
3
2
1



24

27

30

↑ ↓ ✎ ⌛ :

[46]

✓ 0s



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

... 10

9

8

7

6

5

4

3

2

1

35
3
0
4



[6]
✓ 0s



```
n=3456  
count=0  
while n>0:  
    count=count+1  
    n=n//10  
print(count)
```

...

4



```
✓ 0s      print(count)
          4
[7]      ↕
✓ 0s      n=345678
          count=0
          while n>0:
              count=count+1
              n=n//10
          print(count)
          ...
          6
```

[8]
✓ 0s



```
n=n//10  
print(count)
```

3



[11]
✓ 0s



```
n=653  
sum=0  
while n > 0:  
    sum += n % 10  
    n=n//10  
print(sum)
```

... 14

✓ 0s

print(sum)



14



[12]

✓ 0s



```
n=88  
sum=0  
while n > 0:  
    sum += n % 10  
    n=n//10  
print(sum)
```



... 16

[12]
✓ 0s



```
...  
sum=0  
while n > 0:  
    sum += n % 10  
    n=n//10  
print(sum)
```



16



[21]
✓ 0s



```
n=45678  
rev=0  
while n>0:  
    digit = n %10  
    rev = rev* 10 + digit  
    n //10  
print(rev)
```



...

87654



24/1/2026

```
age = int(input("Enter age: "))
testPassed = int(input("Passed driving
test? (1 for yes, 0 for no): "))

# Eligibility check
if age >= 60 or (age >= 18 and
testPassed == 1):
    print("Eligible")
else:
    print("Not Eligible")
```

[1]
✓ 0s



```
numbers = [1, 2, 3, 4, 5]
squared_numbers = [num ** 2 for
print(squared_numbers)
```



... [1, 4, 9, 16, 25]



[11]
✓ 0s



roupage(name,group,age):

I am",name)

I am in",group)

my age is",age)

age("Thanusha","biotechnology",22)



... I am Thanusha

I am in biotechnology

my age is 22



[12]

✓ 1s



↑ ↓ ✎ ⌛ :

```
def namegroupage(name,group,age)
    return name, group, age
result = namegroupage("Thanusha"
print(result)
```



... ('Thanusha', 'biotechnology',

9:16

NR 5G‡

X ✓ Untitled18.ipynb -... b.research.google.com

+ <> ▾ + ↗ RAM [] ▾ Disk []

29/1/2026

[1]
✓ 3s

▶ s="python programming "
print(s[1:5]) #characters from index 1 to 5
print(s[0:3]) # from start to index 3
print(s[3:]) #from index 3 to end
print (s[:])
...
ytha
pyt
hon programming
python programming

What can I help you build?

+

Gemini 2.5 Flash ▾ ➤



[3] ✓ 0s

```
↑ ↓ ✎ ⌂ :
```

▶ s = "python"
for char in s:
 print(char,end=" ")

▼ ... p y t h o n

What can I help you build?

+

Gemini 2.5 Flash ▾ ▶

This image shows a screenshot of a mobile application interface. At the top, there is a dark header bar with several icons: a play button, a downward arrow, a pencil, a square, and a three-dot menu. Below this, a card-like interface displays a Python script. The script defines a string 's' as 'python' and then iterates over each character in the string, printing it followed by a space. The output of the script, 'p y t h o n', is shown below the code. On the left side of the card, there are two buttons: a checkmark icon labeled '[3]' and a downward arrow labeled '0s'. A vertical scroll bar is visible on the right side of the main content area. At the bottom of the screen, there is a large, rounded rectangular search bar with a white background and black border. Inside the search bar, the text 'What can I help you build?' is centered. To the left of the text is a plus sign ('+') and to the right is a dropdown menu labeled 'Gemini 2.5 Flash' with a downward arrow. At the very bottom center is a blue circular button with a white starburst icon.

[12]

✓ 0s



```
s= "python"  
print(len(s)) # Length of string  
print(max(s)) # Maximum character  
print(min(s)) #Minimum character
```

... 6
y
h

h



[14]
✓ 0s



```
text = "python programming"  
print(text.upper())  
print(text.lower())  
print(text.title())  
print(text.capitalize())
```

... PYTHON PROGRAMMING
python programming
Python Programming
Python programming

[15]

✓ 2s

▶ s ="Thanusha"
for char in s:
 print(char ,)

... T
h
a
n
u
s
h
a

a
n
u
s
h
a

[17]
✓ 0s



```
s = "Thanusha"  
for char in s:  
    print(char, end=" ")
```

▼

... Th a n u s h a



[17]

✓ 0s

```
s = "Thanusha"  
for char in s:  
    print(char, end=" ")
```

T h a n u s h a



[18]

✓ 0s

```
s = "Thanusha"  
print(s[::-1])
```

... ahsunahT