

X ✓ Untitled3.ipynb ... <https://research.google.com> ⚡

✓ RAM Disk

[]

```
def seq(a):
    print("square:", a**2)
seq(10)
```

square: 100

[10]

✓ 0s

```
a="hello nanna"
print(a[3])
print(a[-3])
print(a[2:7])
print(a[::-1])
print(a[::-2])
print(a[1::])
```

l
n
llo n
annan olleh
hlonna
ello nanna

[11]

✓ 0s

```
s="python"
for char in s:
    print(char)
```

▼

... p
y
t
h
o
n

↑ ↓ ✎ 🗑 ⋮



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+ <> ▾ + T T ✓ RAM [] Disk []

```
[ ] def seq(a):  
    print("square:", a**2)  
seq(10)
```

▼ square: 100

[25]
✓ 0s



```
a="shaik afroz"  
print(a[3])  
print(a[-3])  
print(a[2:7])  
print(a[::-1])  
print(a[::-2])  
print(a[1::])
```

▼

```
... i  
r  
aik a  
zorfa kiahs  
sakarz  
haik afroz
```

[24]
✓ 0s

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

▼

kumari

[19]
✓ 0s

```
s="Python"  
print(len(s))  
print(max(s))  
print(min(s))
```

▼

6
y
P



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Reconnect ▾

[]

a=20
b=5
div=a/b
print("division:",div)

▼

... division: 4.0

[]

student={"name":"kumari","ag
print(student)
print(type(student))

▼

name': 'kumari', 'age': 20}
lass 'dict'>

[]

pi=3.14
r=5
area=pi*r*r
print(area)

▼

78.5

[]

not 25<10

▼

True

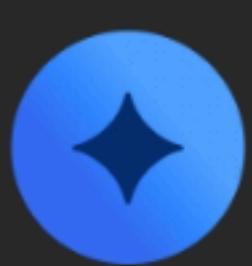
[]

25<10
35<10

▼

False

[]

25>10
35>10

X V

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Reconnect ▾

[]

```
a=10  
b=3  
print(a+b)  
print(a**b)  
print(a//b)
```

▼

```
13  
1000  
3
```

[]

```
a=int(input("enter Marks"))  
b=int(input("enter Marks"))  
avg=(a+b)/2  
print(avg/2)
```

▼

```
enter Marks98  
enter Marks99  
49.25
```

[]

```
a=10  
b=3  
print(a**b)
```

▼

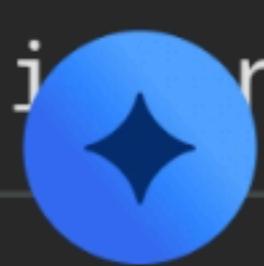
```
1000
```

[]

```
p=10000  
r=3  
t=2  
si=p*t*r//100  
print("simple interest:",si)
```

▼

```
simple interest: 600
```





+ <> ▾ + ↻

Connect ▾

syntax



[]

```
a=10  
b=20  
sum=a+b  
print("addition:", sum)
```



addition; 30

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Connect

[]

```
color=("red","black")
print(color)
```

```
('red', 'black')
```

[]

```
Color=("red","black","red")
print(color)
```

```
('red', 'black')
```

[]

```
frist name=akumalla
middle name=kumari
full name=frist name+middle
print(full)
```

```
File "/tmp/ipython-
input-1731470631.py", line
1
```

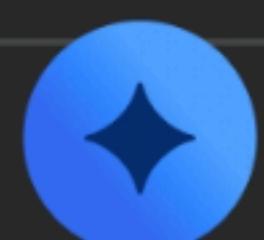
```
    frist name=akumalla
```

```
SyntaxError: invalid
syntax
```

[]

```
a=10
b=20
sum=a+b
print("addition;",sum)
```

```
addition; 30
```



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```
[ ] a='1'+'0'  
b=10.5  
c=4+3j  
print(type(a))
```

◀ <class 'str'>

```
[ ] a=15  
b=10  
if a>b:  
    print(a>b)
```

◀ True

```
[ ] student={"name": "kumari ", "  
print(student)
```

◀ {'name': 'kumari ', 'age':

```
[ ] list=[1,2,3,4]  
print(list)
```

◀ [1, 2, 3, 4]

```
[ ] colour=["red","black"]  
print(colour)
```

◀ ['red', 'black']

```
[ ] color=("red","black")  
print(co
```

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Reconnect

[]

```
n=3568  
u=3568%10  
print(u)  
print(u%2==0)
```

```
8  
True
```

[]

```
a=int(input("enter a value:  
b=int(input("enter b value:  
print("sum:",a+b)  
print("diffence:",a-b)  
print("product:",a*b)  
print("division:",a/b)  
print("floor division:",a//b  
print("modulus:",a%b)
```

```
enter a value:10  
enter b value:20  
sum: 30  
diffence: -10  
product: 200  
division: 0.5  
floor division: 0  
modulus: 10
```

[]

```
a=int(input("enter value"))  
b=int(input("enter value"))  
print(a<b and b<a)  
print(a<b or b<a)  
print(not a)
```

```
enter value5  
enter va ✨?  
False
```

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RAM
Disk

▼ ▾

x: 10 Focus the last run cell
y: 25

[13]

✓ 0s

```
def name():
    print("welcome to python")
name()
name()
```

▼

welcome to python programm
welcome to python programm.

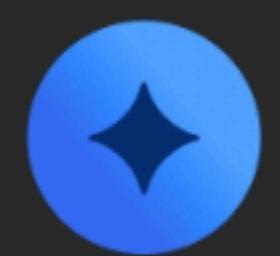
[19]

✓ 0s

```
def num(i):
    if i%2==0:
        print("even")
    else:
        print("odd")
num(29)
```

▼

... odd



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Untitled3.ipynb



+ <> ✓ RAM: [██████] Disk: [██████]

Connected to
Python 3 Google Compute Engine backend
[18] RAM: 1.11 GB/12.67 GB
✓ 0s Disk: 21.13 GB/107.72 GB

```
def add(a,b):
    print (a+b)
add(1,29)
add(11,9)

... 30
20
```

[5]
✓ 0s

```
def string():
    return "python"
print("string")

string
```

[9]
✓ 0s

```
def myfun(y,x=50):
    print("x:",x)
    print("y:",y)
myfun(10)

x: 50
y: 10
```

[12]
✓ 0s

```
def myfun(x,y=25):
    print("x:",x)
    print("y:",y)
myfun(11)
myfun(10)

x: 11
y: 25
x: 10
y: 25
```

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Untitled3.ipynb



+ <> ✓ RAM Disk

```
enter marks for theory:50
enter marks for practical:.
pass
```

◆ Gemini [11] 12s

```
isweekend=1
normal=int(input("it is a normal day(1=yes,0=no):"))
days=int(input("how many days you stayed in the hotel:"))
amount = 0 # Initialize amount
amount+=15/100
if normal==1:
    print("amount=3000")
elif isweekend==1:
    print("amount=4000")
elif days>3:
    print("discount:15%")
else:
    print("total amount")
```

```
... today is weekend(1=yes,0=no):1
it is a normal day(1=yes,0=no):0
how many days you stayed in the hotel:4
amount=4000
```

The screenshot shows a Google Colab notebook interface. The title bar indicates the notebook is titled "Untitled3.ipynb - Colab" and is located at "colabresearch.google.com". The toolbar includes standard Colab icons for file operations, sharing, and more. The main workspace displays the following Python code:

```
[3] 26s    print("two rupees")
      elif units>200:
          print(" five rupees")
      else:
          print("final bill amount",units)
      ...
      >>> enter no. of units consumed:98
      final bill amount 98
```

The code uses conditional statements to determine the electricity bill based on the number of units consumed. The output cell shows the result for 98 units.

145

Untitled3.ipynb - Colab
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X V Untitled3.ipynb

≡

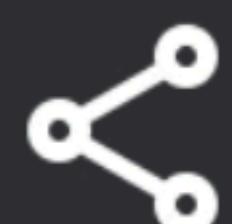
+ <> ▾ + ↩ RAM Disk

[3] 26s

units=int(input("enter no. of units consumed:"))
if units<100 and units==100:
 print("two rupees")
elif units>200:
 print(" five rupees")
else:
 print("final bill amount",units)



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```
else:  
    print("fail")
```



enter marks101

B



[2]
✓ 28s



```
salary=int(input("enter sala  
credit=int(input("enter cred  
if salary>=30000 and credit>  
    print("loan approved")  
elif salary>=50000 and credi  
    print("loan approved")  
else:  
    print("loan rejected")
```



... enter salary:45000
enter credit amount:800
loan approved



☰ Welcome to Colab



+ <> ▾ + ↗

✓ RAM [██████]
Disk [██████]

✓ 34s

```
enter age:50
is movie 3d(1=yes,0=no):1
ticket price: 300
```

↑ ↓ ✎ 🗑️ ⏮

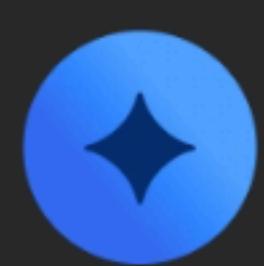
[13]

✓ 10s

```
bill=float(input("enter bill
isprime=int(input("is custom
if bill>=5000:
    discount=20
elif bill>=2000:
    discount=10
else:
    discount=0
if isprime==1:
    discount+=0.05
final_amount=bill-(bill*disc
print("final amount to be pa
```

▼

```
... ll amount:4500
ner a prime member(1=yes,0=
ount to be paid: 4047.75
```



Welcome to Cola...

hresearch.google.com



do you have musical control
allowed



[4]
✓ 34s



```
age=int(input("enter age:"))
is3d=int(input("is movie 3d(1
if age<13:
    price=150
elif age<60:
    price=250
else:
    price=200
if is3d==1:
    price+=50
print("ticket price:",price)
```



... enter age:50
is movie 3d(1=yes,0=no):1
ticket price: 300

*Welcome to Cola...*<https://research.google.com>

between the first and the
last frame.

↑ ↓ ✎ 🗑️ ⏮

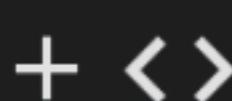
```
[3] ✓ 14s
attendance=int(input("enter
medical=int(input("do you ha
if attendance>=75:
    print("allowed")
elif attendance>=60 and medi
    print("allowed")
else:
    print("not allowed")
```



... enter attendance percentage
do you have medical certificate
allowed



Untitled3.ipynb

RAM
Disk

[]

```
u=3568%10
print(u)
print(u%2==0)
```



```
8
True
```



[1]

✓ 12s



```
a=int(input("enter a value:"))
b=int(input("enter b value:"))
print("sum:",a+b)
print("diffence:",a-b)
print("product:",a*b)
print("division:",a/b)
print("floor division:",a//b)
print("modulus:",a%b)
```



```
... enter a value:10
enter b value:20
sum: 30
diffence: -10
product: 200
division: 0.5
floor division: 0
modulus: 10
```

