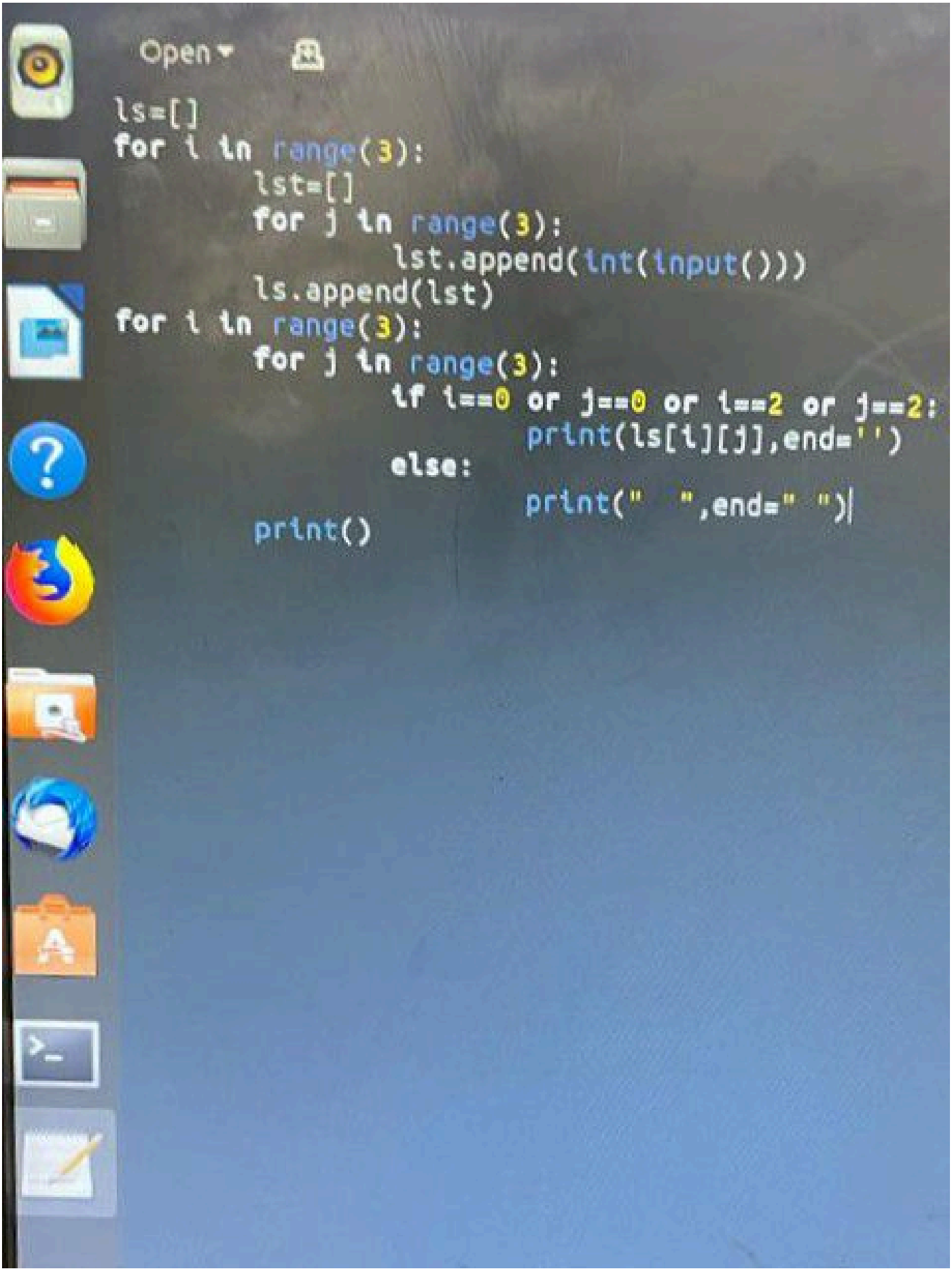
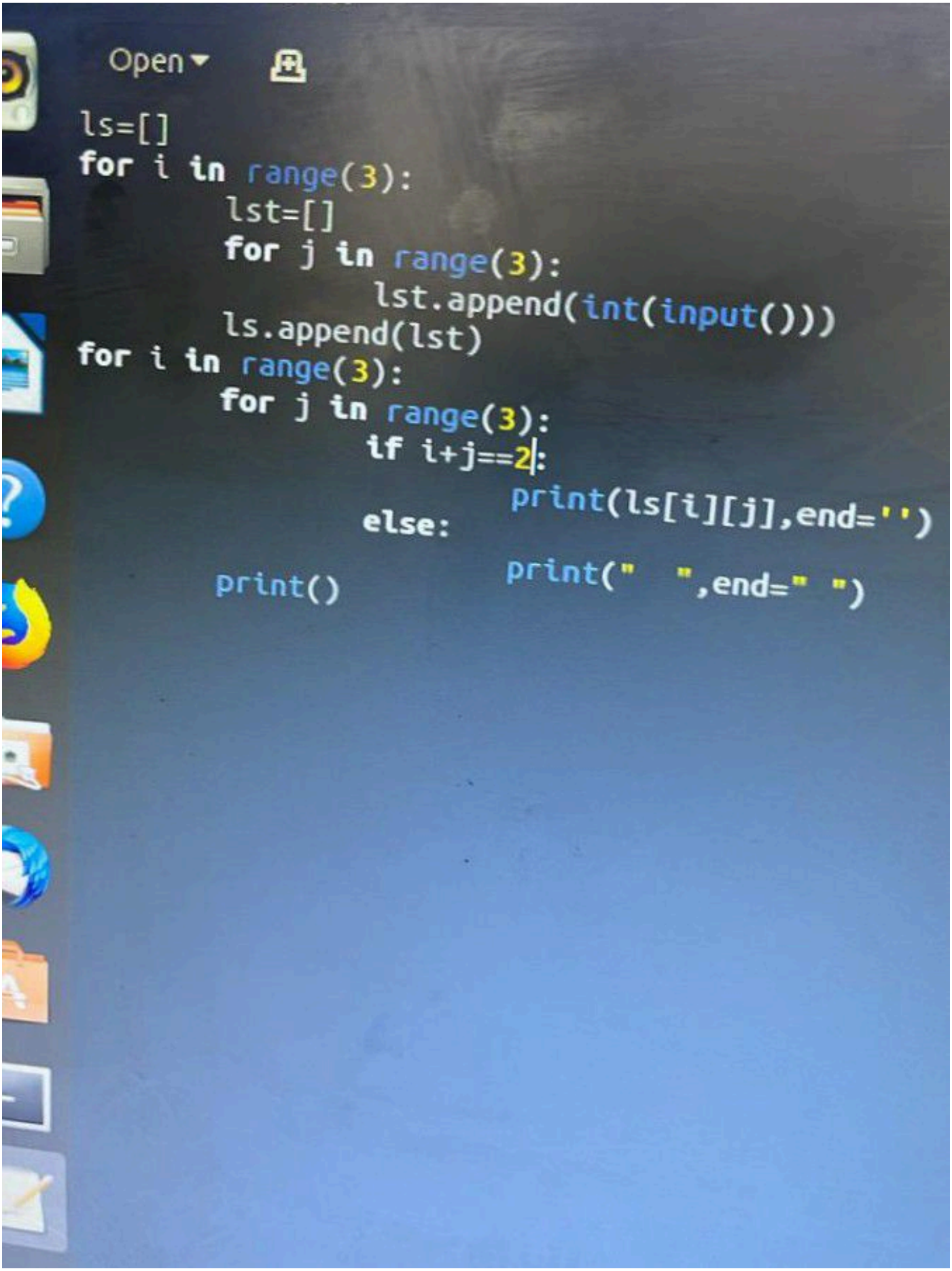
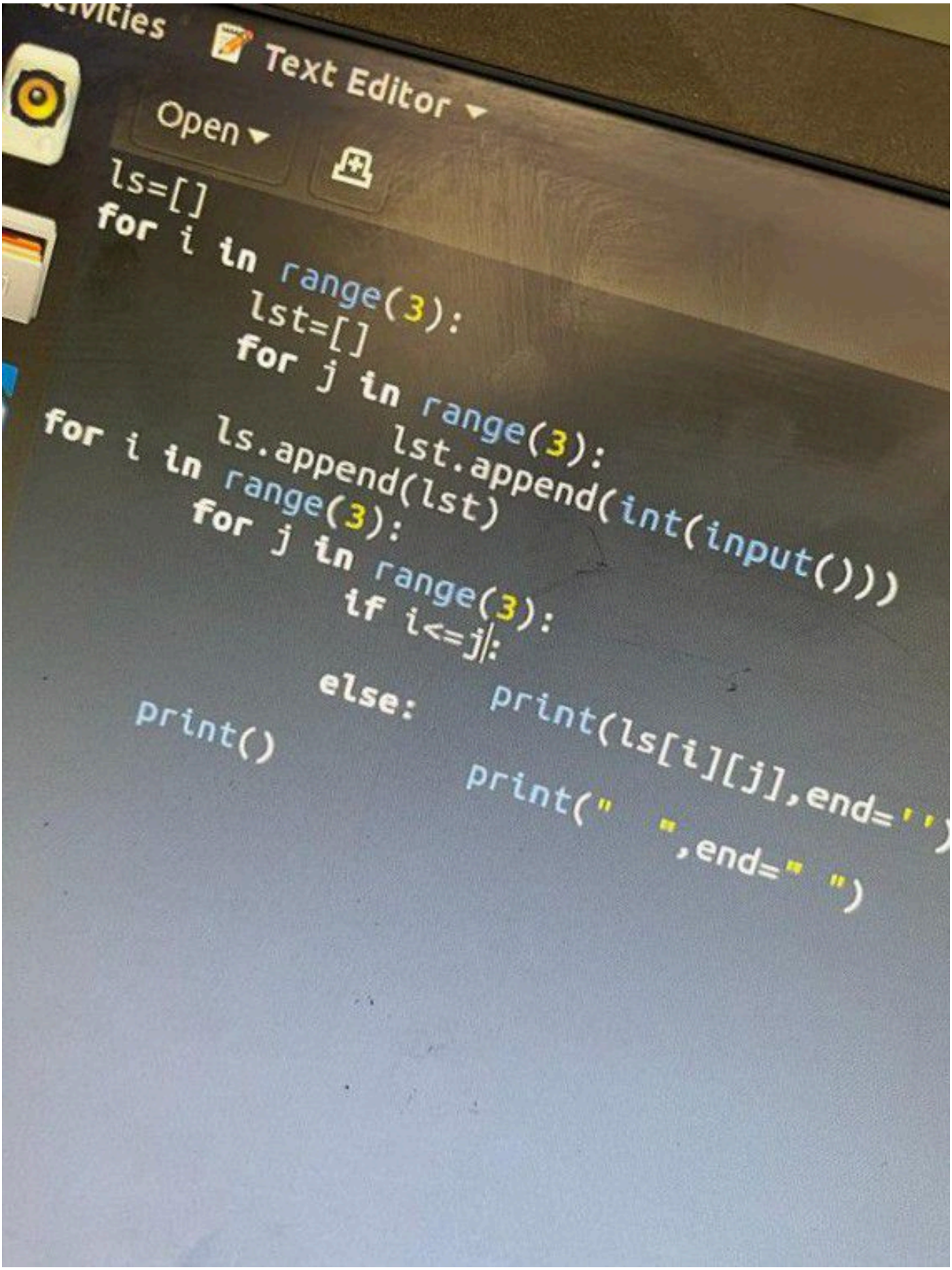
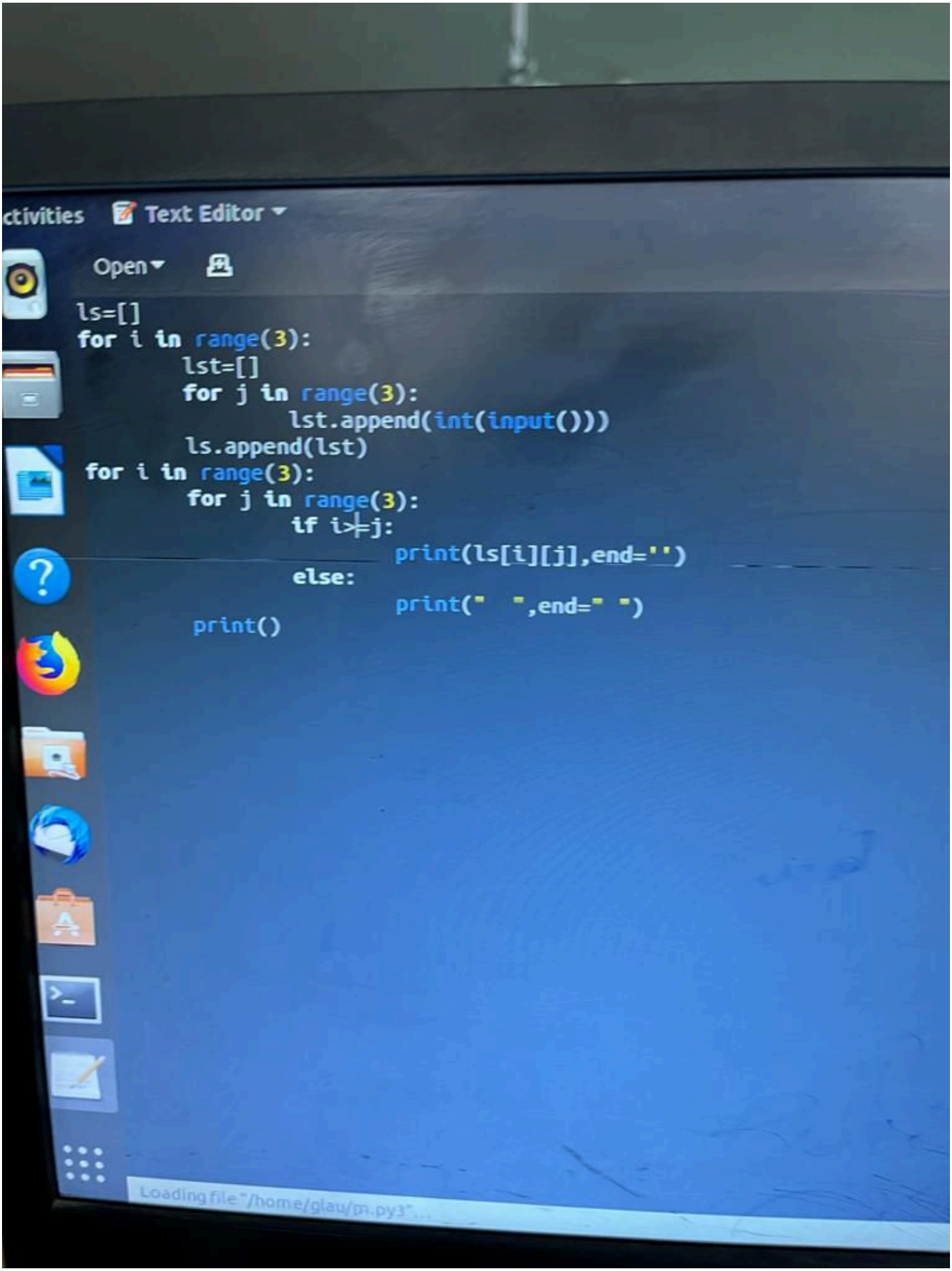
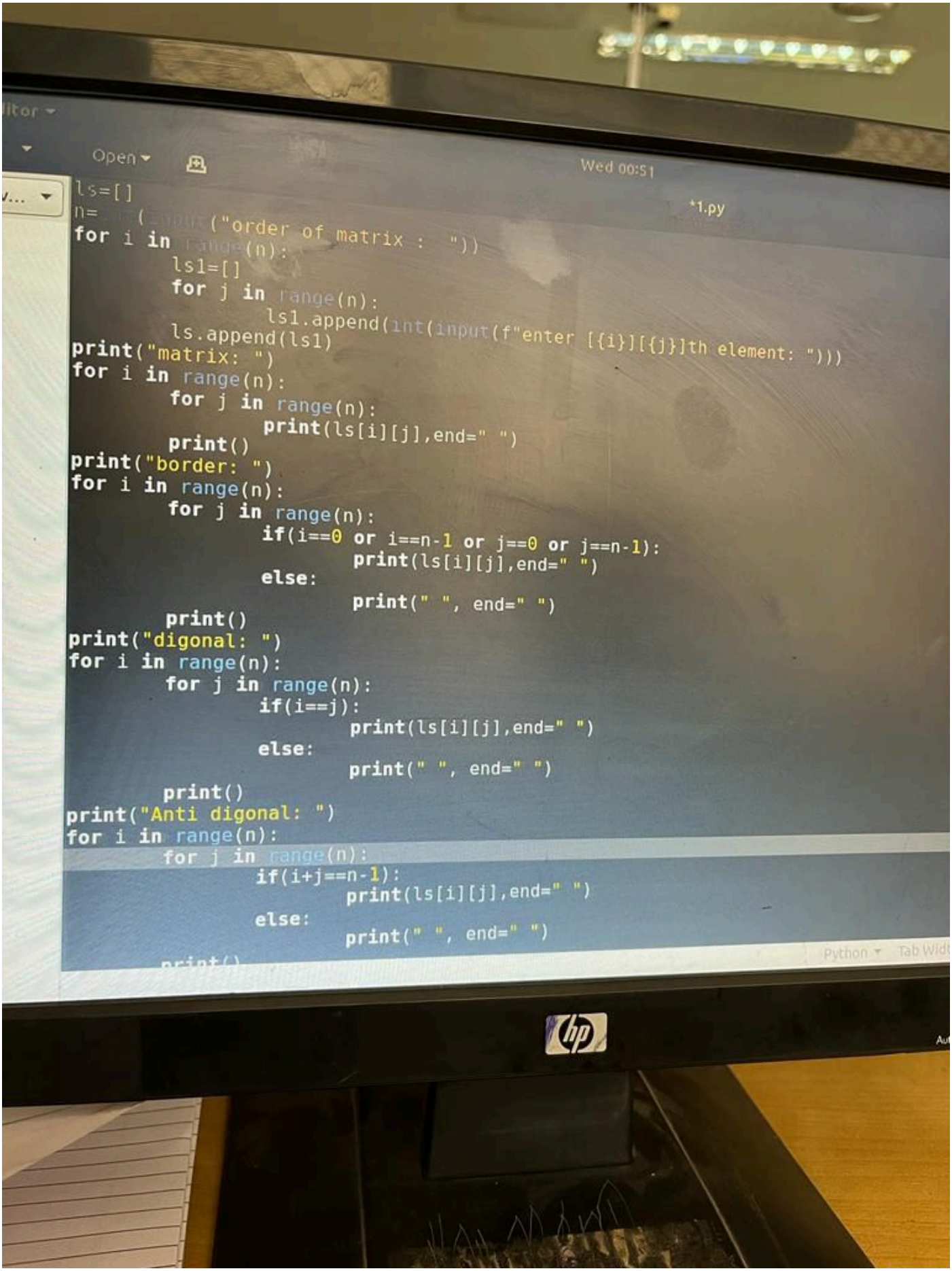
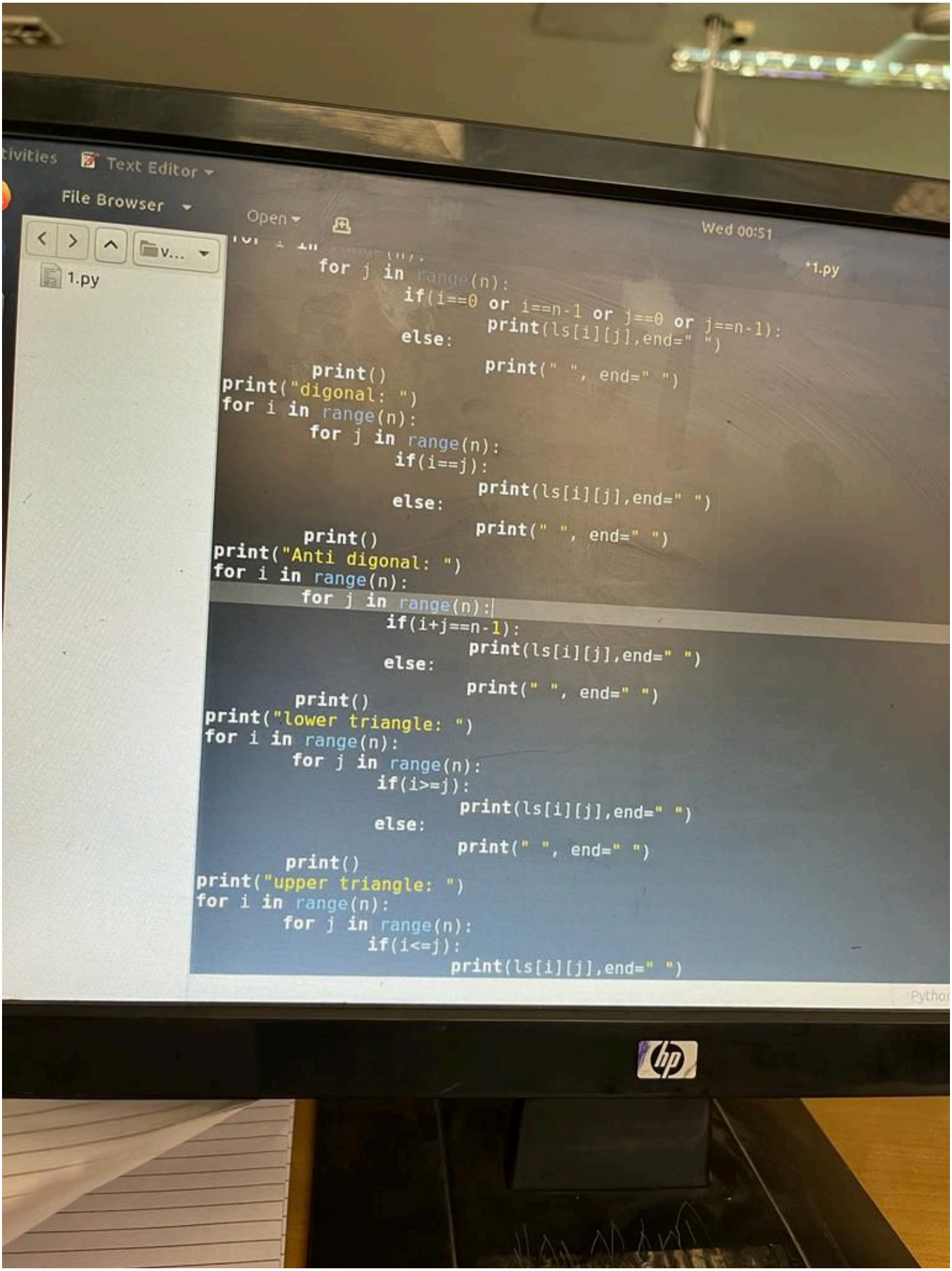

Open
ls=[]
for i in range(3):
lst=[]
for j in range(3):
lst.append(int(input()))
ls.append(lst)
for i in range(3):
for j in range(3):
if i==0 or j==0 or i==2 or j==2:
print(ls[i][j],end='')
else:
print(" ",end=" ")
print()

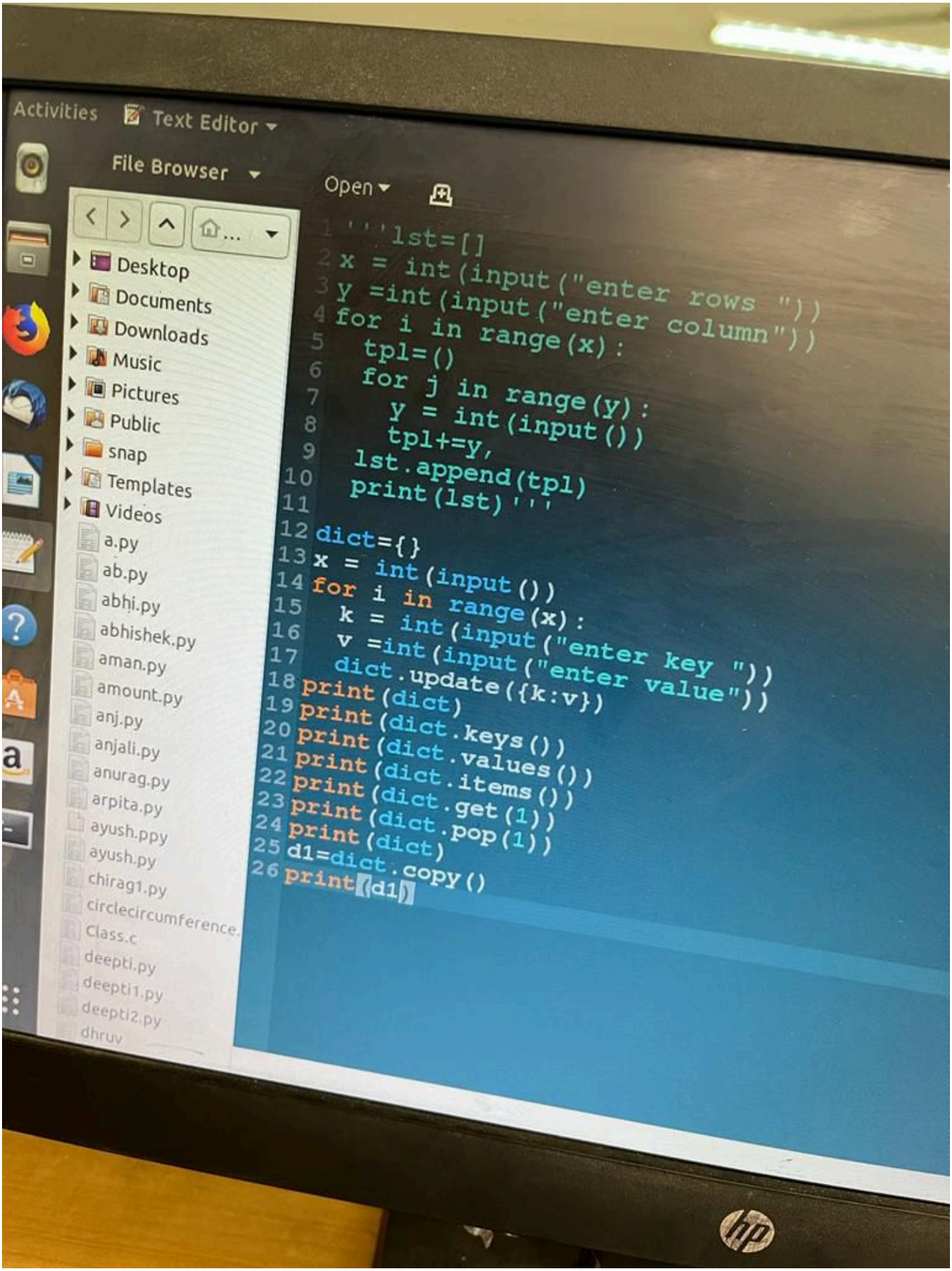

Open
ls=[]
for i in range(3):
lst=[]
for j in range(3):
lst.append(int(input()))
ls.append(lst)
for i in range(3):
for j in range(3):
if i+j==2:
print(ls[i][j],end='')
else:
print(" ",end=" ")
print()

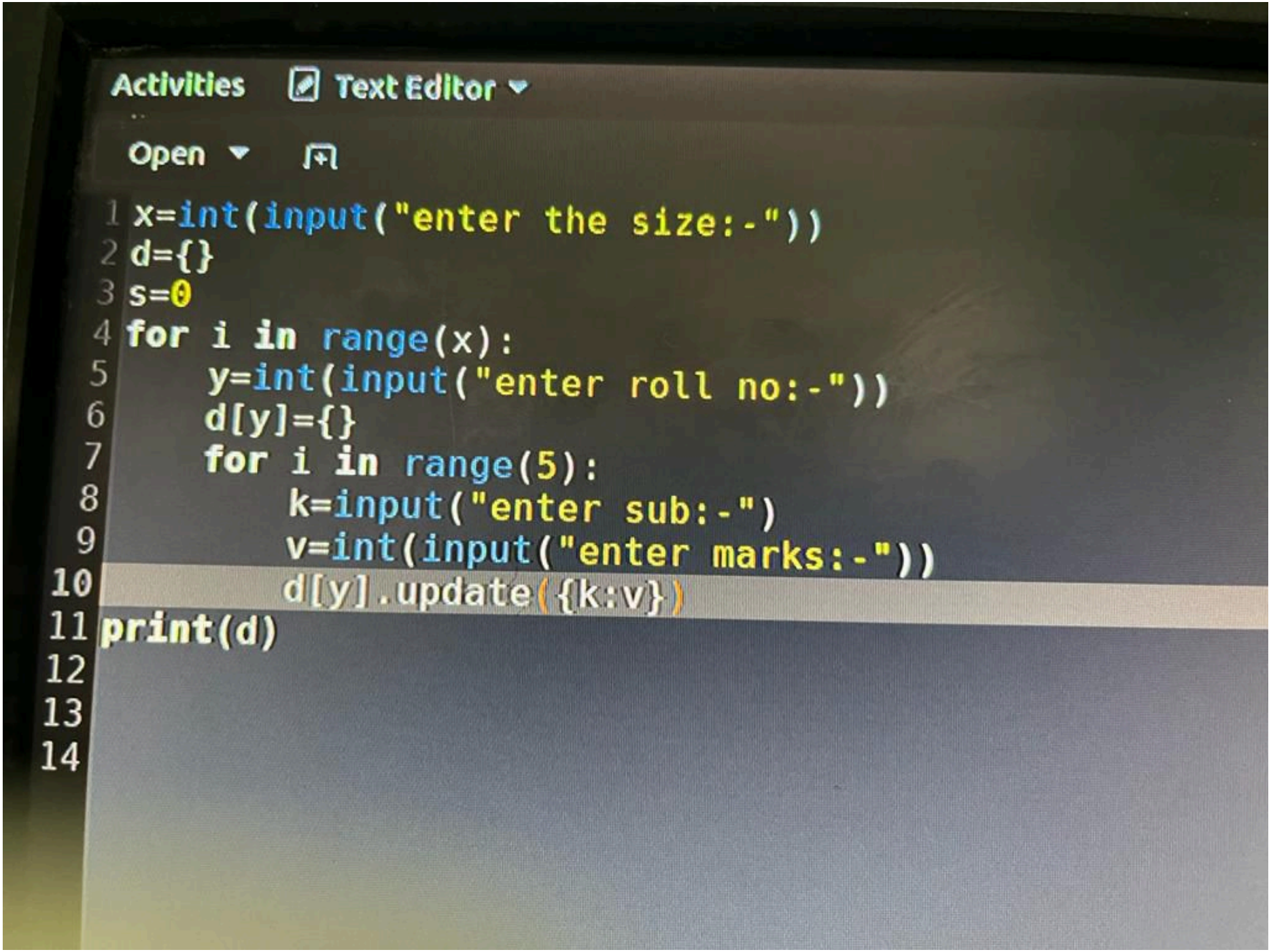

Text Editor
Open
ls=[]
for i in range(3):
lst=[]
for j in range(3):
lst.append(int(input()))
ls.append(lst)
for i in range(3):
for j in range(3):
if i<=j:
print(ls[i][j],end='')
else:
print(" ",end=" ")
print()

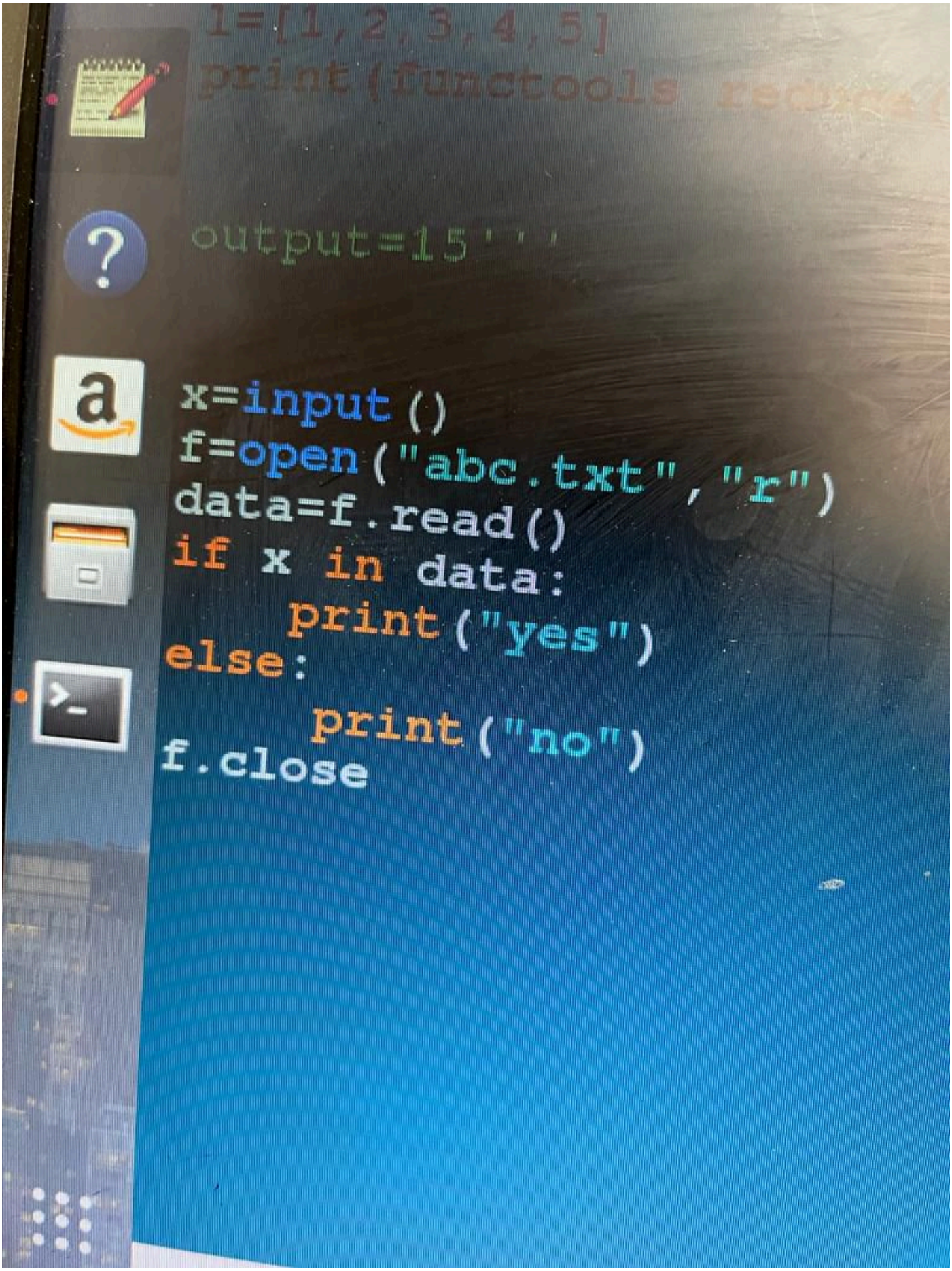

ctivities
Text Editor
Open
ls=[]
for i in range(3):
lst=[]
for j in range(3):
lst.append(int(input()))
ls.append(lst)
for i in range(3):
for j in range(3):
if i>=j:
print(ls[i][j],end='')
else:
print(" ",end=" ")
print()
Loading file "/home/glau/m.py3"...

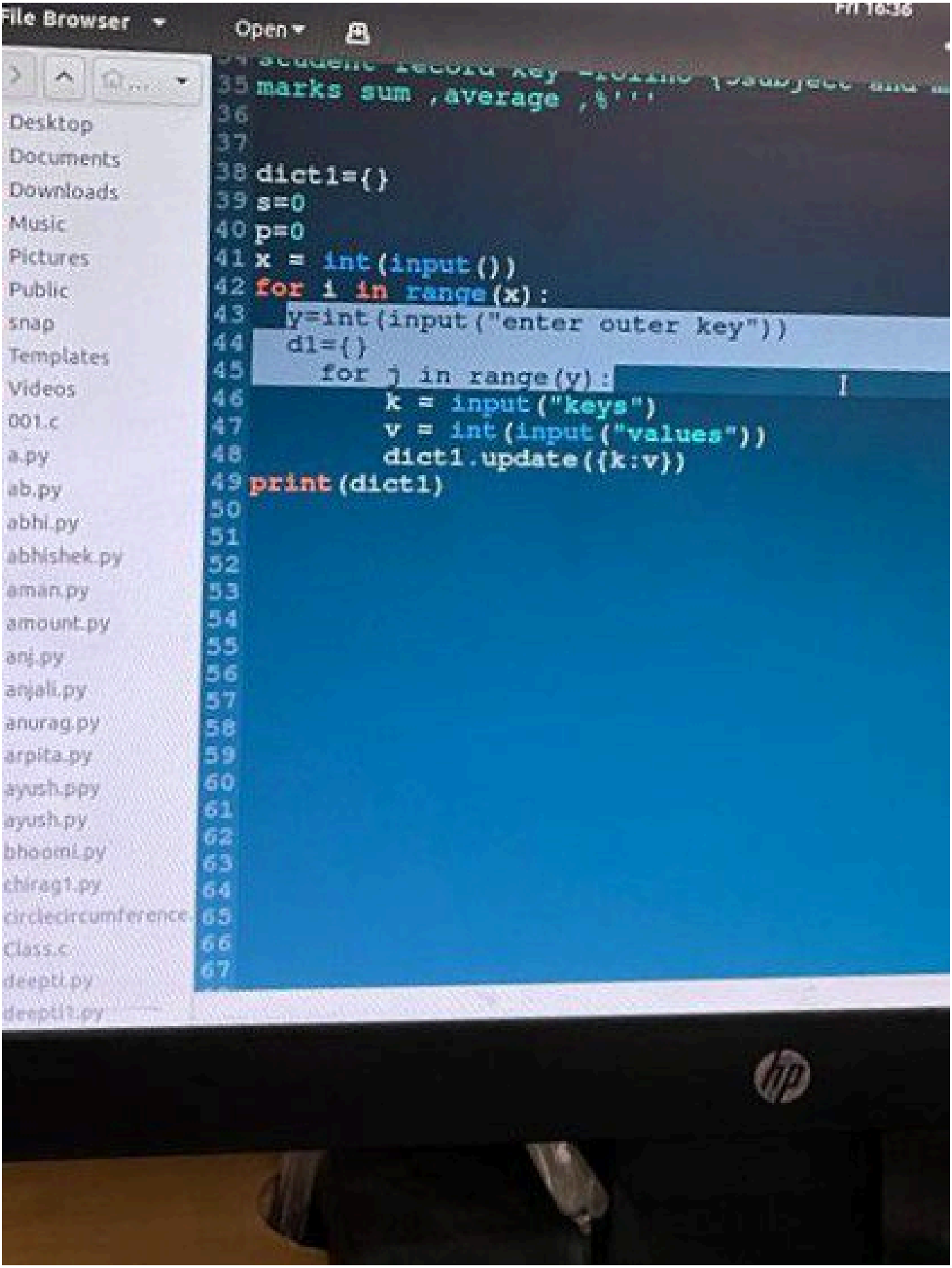

Open
Wed 00:51
*1.py
ls=[]
n= int(input("order of matrix : "))
for i in range(n):
ls1=[]
for j in range(n):
ls1.append(int(input(f"enter [{i}][{j}]th element: ")))
ls.append(ls1)
print("matrix: ")
for i in range(n):
for j in range(n):
print(ls[i][j],end=" ")
print()
print("border: ")
for i in range(n):
for j in range(n):
if(i==0 or i==n-1 or j==0 or j==n-1):
print(ls[i][j],end=" ")
else:
print(" ", end=" ")
print()
print("digonal: ")
for i in range(n):
for j in range(n):
if(i==j):
print(ls[i][j],end=" ")
else:
print(" ", end=" ")
print()
print("Anti digonal: ")
for i in range(n):
for j in range(n):
if(i+j==n-1):
print(ls[i][j],end=" ")
else:
print(" ", end=" ")
print()
Python
Tab Width

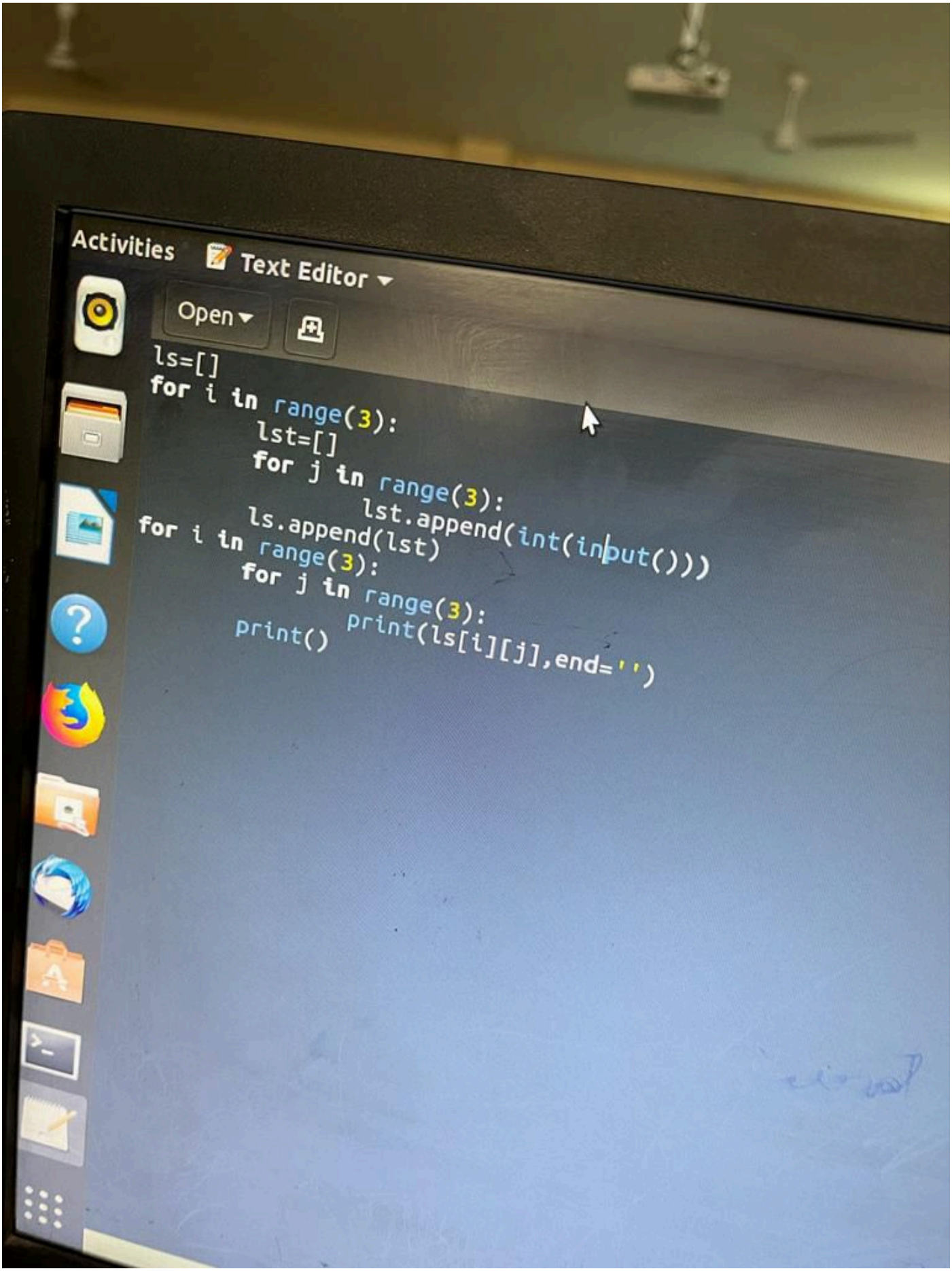

Activities
Text Editor
File Browser
Open
Wed 00:51
1.py
*1.py
for j in range(n):
if(i==0 or i==n-1 or j==0 or j==n-1):
print(ls[i][j],end=" ")
else:
print(" ", end=" ")
print()
print("digonal: ")
for i in range(n):
for j in range(n):
if(i==j):
print(ls[i][j],end=" ")
else:
print(" ", end=" ")
print()
print("Anti digonal: ")
for i in range(n):
for j in range(n):
if(i+j==n-1):
print(ls[i][j],end=" ")
else:
print(" ", end=" ")
print()
print("lower triangle: ")
for i in range(n):
for j in range(n):
if(i>=j):
print(ls[i][j],end=" ")
else:
print(" ", end=" ")
print()
print("upper triangle: ")
for i in range(n):
for j in range(n):
if(i<=j):
print(ls[i][j],end=" ")

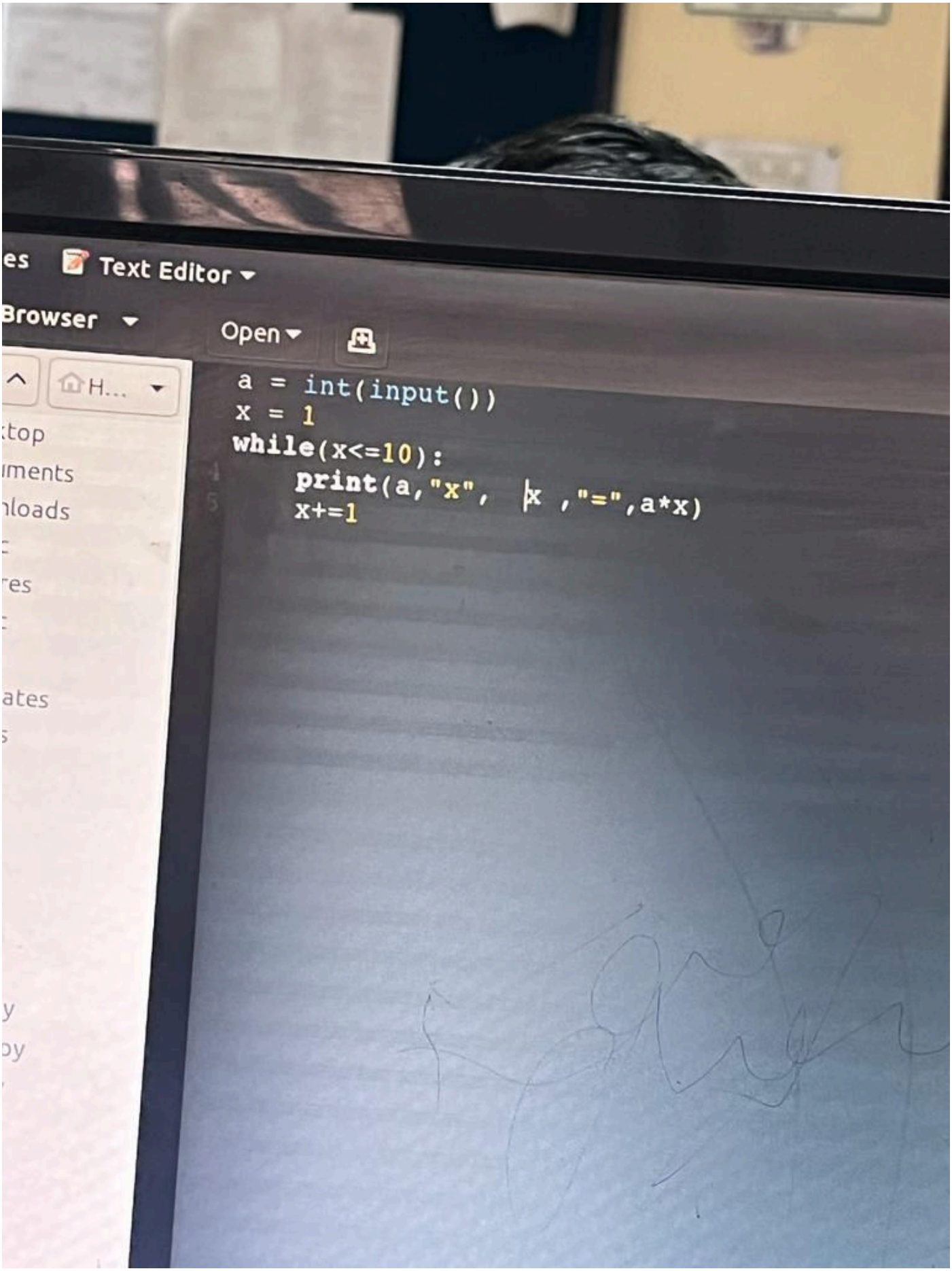

Activities
Text Editor
File Browser
Open
Desktop
Documents
Downloads
Music
Pictures
Public
snap
Templates
Videos
a.py
ab.py
abhi.py
abhishek.py
aman.py
amount.py
anj.py
anjali.py
anurag.py
arpita.py
ayush.ppy
ayush.py
chirag1.py
circlecircumference.
Class.c
deepti.py
deepti1.py
deepti2.py
dhruv
'''lst=[]
x = int(input("enter rows "))
y =int(input("enter column"))
for i in range(x):
tpl=()
for j in range(y):
y = int(input())
tpl+=y,
lst.append(tpl)
print(lst)'''
dict={}
x = int(input())
for i in range(x):
k = int(input("enter key "))
v =int(input("enter value"))
dict.update({k:v})
print(dict)
print(dict.keys())
print(dict.values())
print(dict.items())
print(dict.get(1))
print(dict.pop(1))
print(dict)
d1=dict.copy()
print(d1)

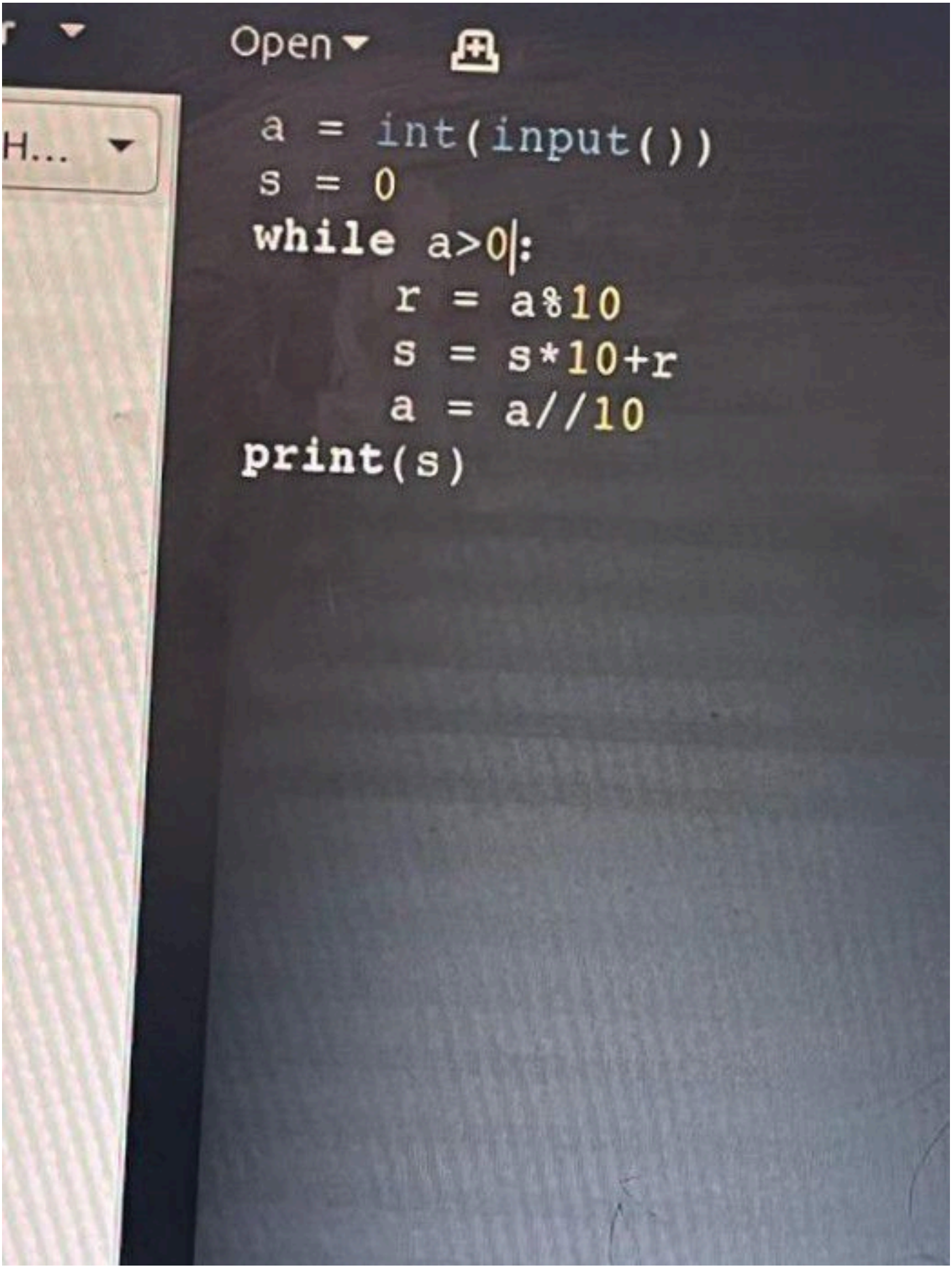

Activities
Text Editor
Open
x=int(input("enter the size:-"))
d={}
s=0
for i in range(x):
y=int(input("enter roll no:-"))
d[y]={}
for i in range(5):
k=input("enter sub:-")
v=int(input("enter marks:-"))
d[y].update({k:v})
print(d)


l=[1,2,3,4,5]
print(functools
output=15'''
x=input()
f=open("abc.txt","r")
data=f.read()
if x in data:
print("yes")
else:
print("no")
f.close


File Browser
Open
Desktop
Documents
Downloads
Music
Pictures
Public
snap
Templates
Videos
001.c
a.py
ab.py
abhi.py
abhishek.py
aman.py
amount.py
anj.py
anjali.py
anurag.py
arpita.py
ayush.ppy
ayush.py
bhoomi.py
chirag1.py
circlecircumference.
Class.c
deepti.py
deepti1.py
marks sum ,average ,%'''
dict1={}
s=0
p=0
x = int(input())
for i in range(x):
y=int(input("enter outer key"))
d1={}
for j in range(y):
k = input("keys")
v = int(input("values"))
dict1.update({k:v})
print(dict1)


Activities
Text Editor
Open
ls=[]
for i in range(3):
lst=[]
for j in range(3):
lst.append(int(input()))
ls.append(lst)
for i in range(3):
for j in range(3):
print(ls[i][j],end='')
print()


es
Text Editor
Browser
Open
H...
top
uments
nloads
res
ates
a = int(input())
x = 1
while(x<=10):
print(a,"x", x ,"=",a*x)
x+=1


Open
H...
a = int(input())
s = 0
while a>0:
r = a%10
s = s*10+r
a = a//10
print(s)

```
# items()
D = {1:3, 4:0}

out = list(D.items())
print(out)  # dict_items([(1, 3), (4, 0
```

```python
# popitem()
D = {'name':'sachin', 'section':'O', 'rolln'
k = D.popitem()
print(k)  # ('rolln', 30)
```

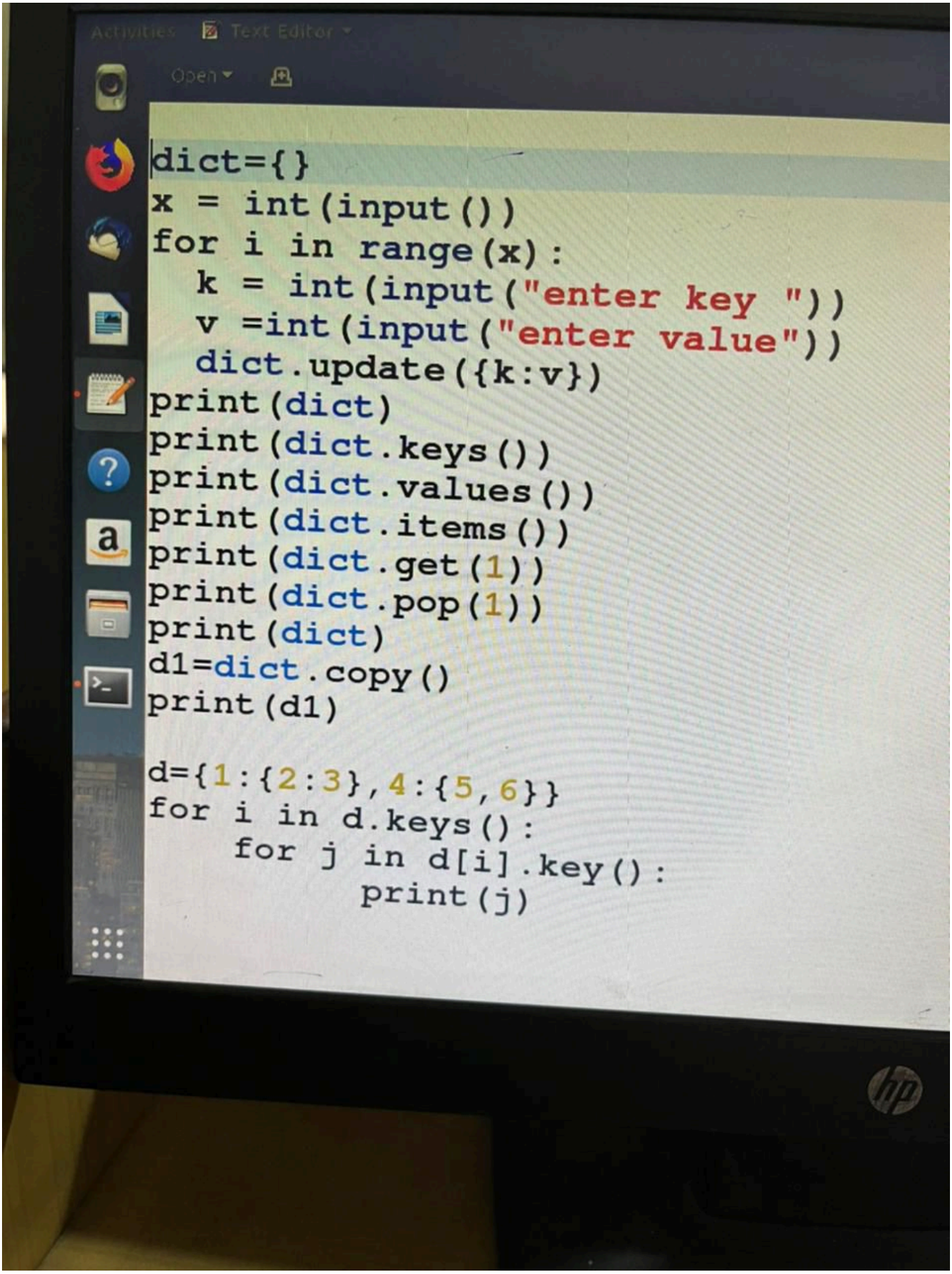
```
del dct['name']
print(dct)
dct['Name'] = 'akshay'
print(dct)
```

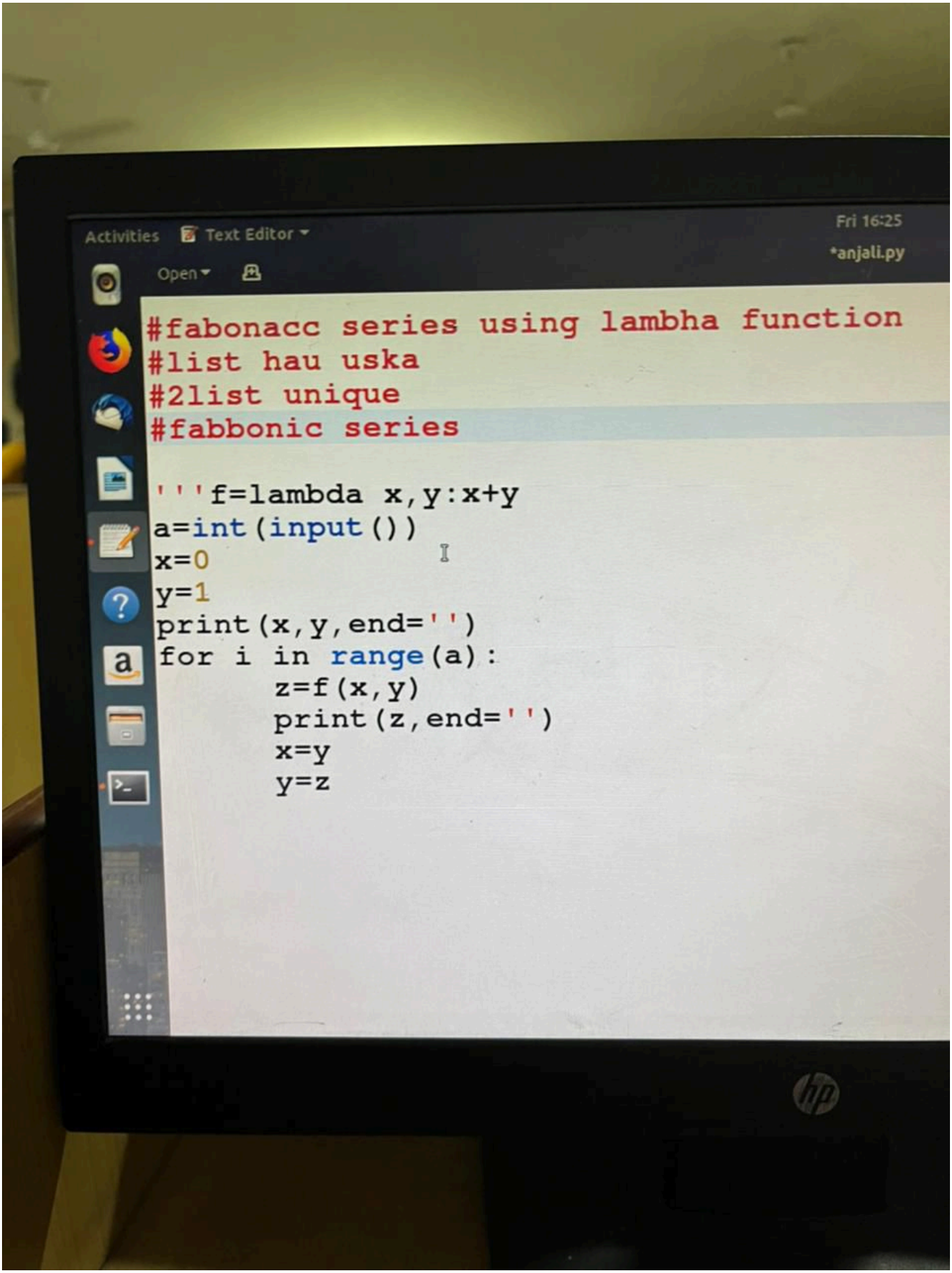
```
# update()
D1 = {'Name':'Sachin', 'Section':'O', 'Roll
D2 = {'CPI':9.0, 'Name':0}
D1.update(D2)
print(D1)  # {'Name': 'Ravi', 'Section': 'O
```

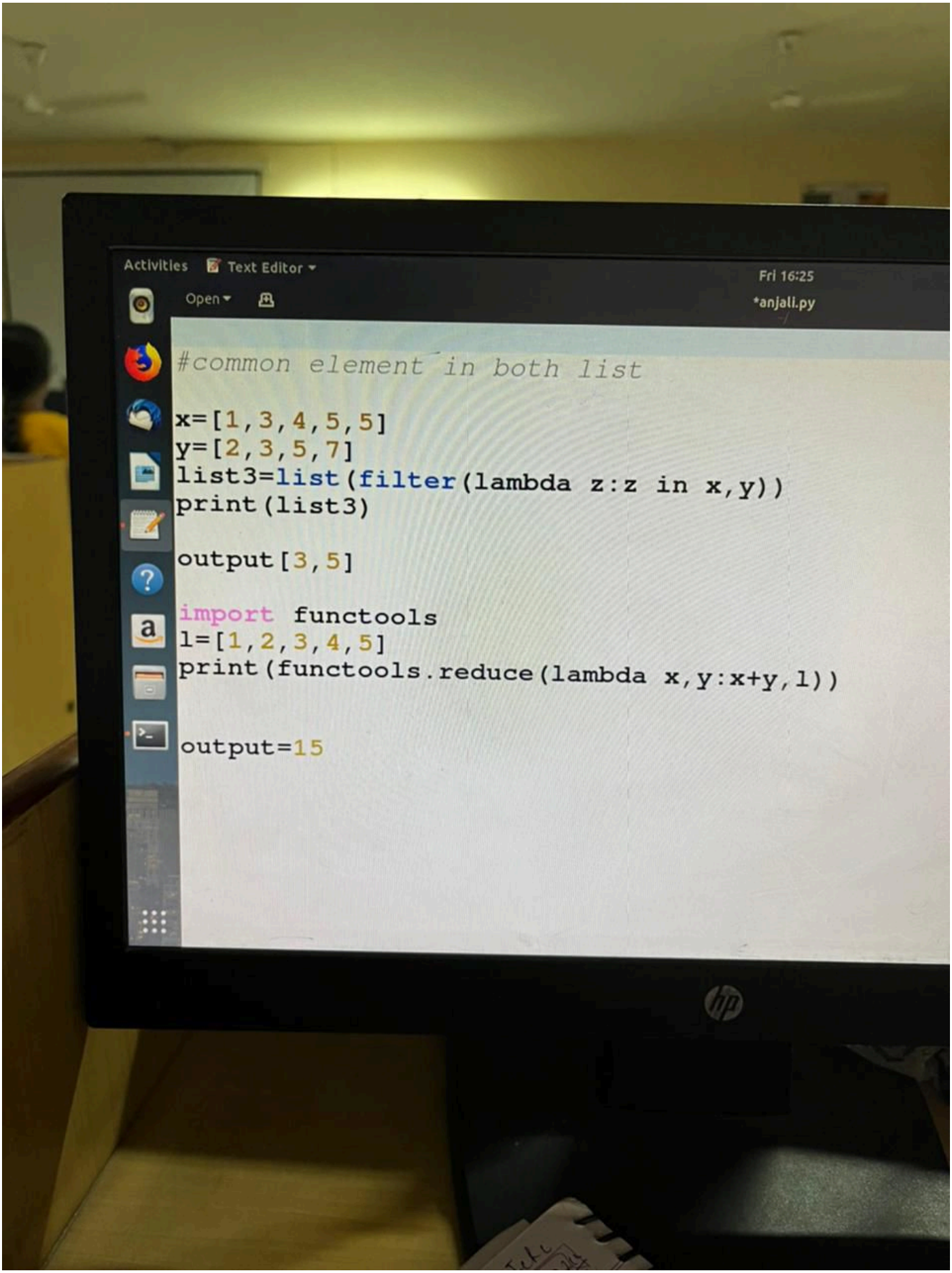
```python
# keys() : get all the keys of dict
dct = {'name': 'Govind', 'rolln':30, 'cpi':7.0,
out1 = dct.keys()
print(out1, type(out1))  # dict_keys(['name', '
# <class 'dict_keys'>

print(list(out1))  # ['name', 'rolln', 'cpi', '

# values()
```

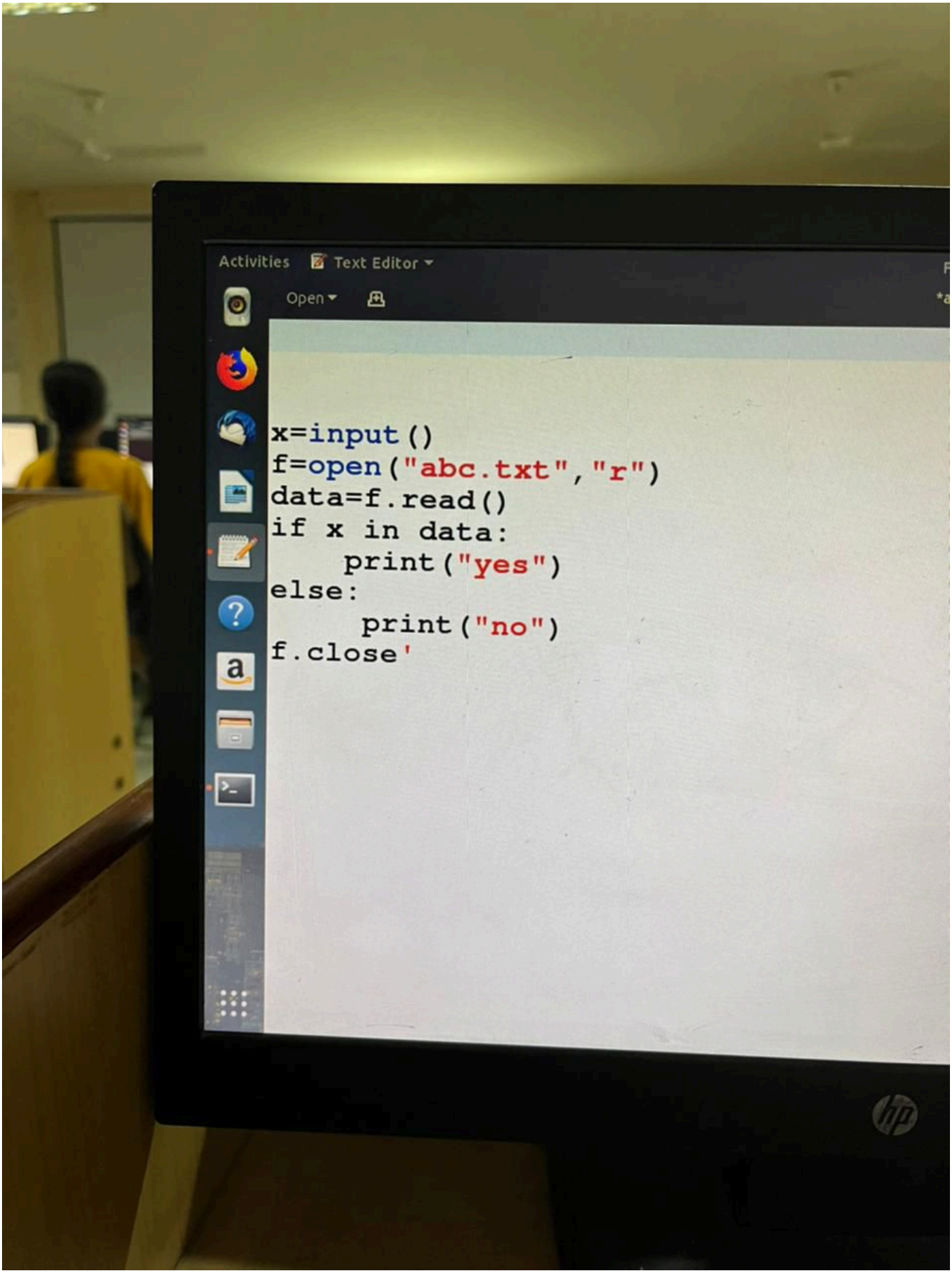
```
# fromkeys()
k = ['name', 'rolln', 'section', 'cpi']
d = dict.fromkeys(k, 0)
print(d)  # {'name': 0, 'rolln': 0, 'sec
```

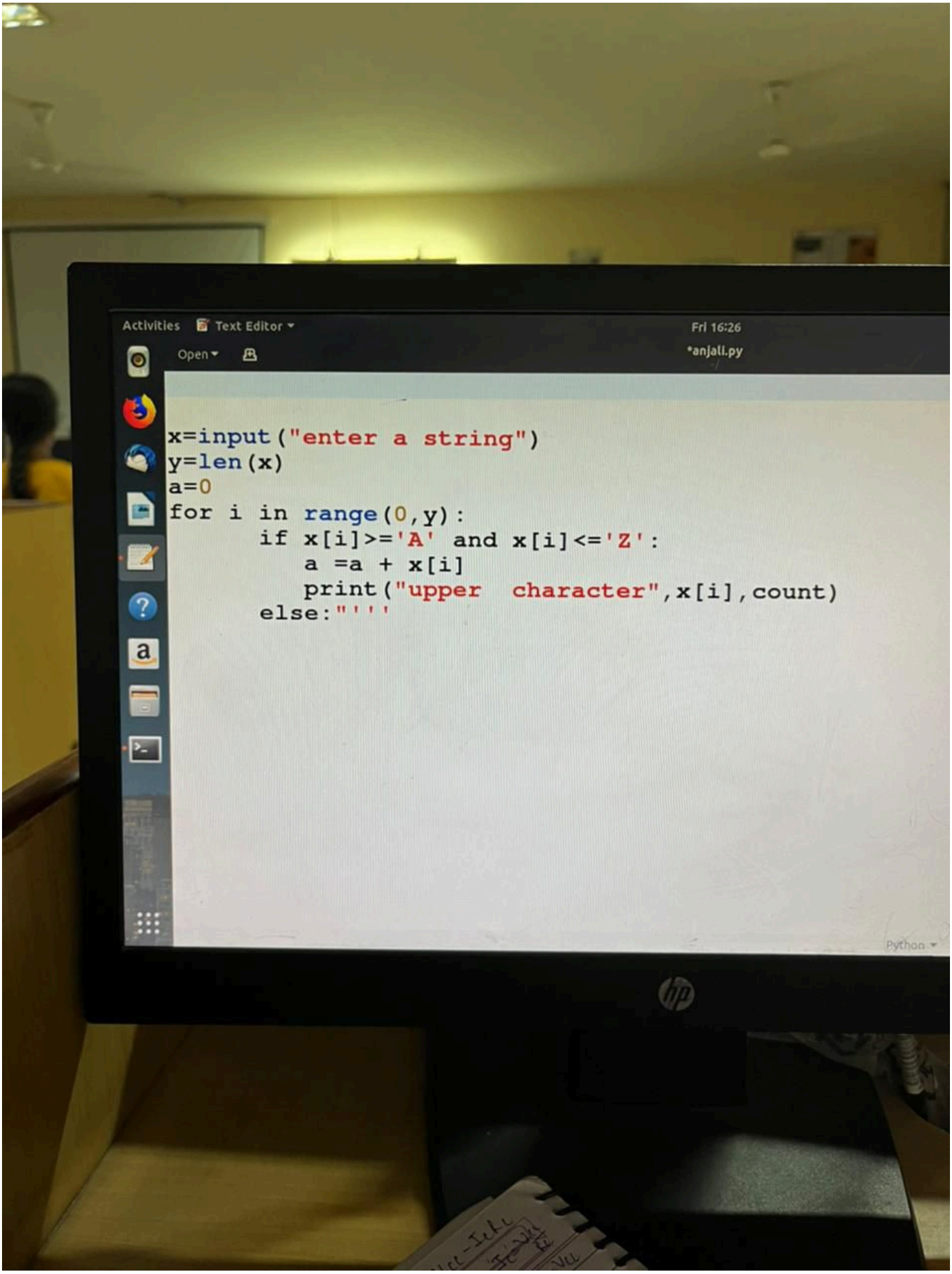
```
k = [(1, 2), (5, 4), (6, 7)]
d = dict(k)
print(d, type(d))
```

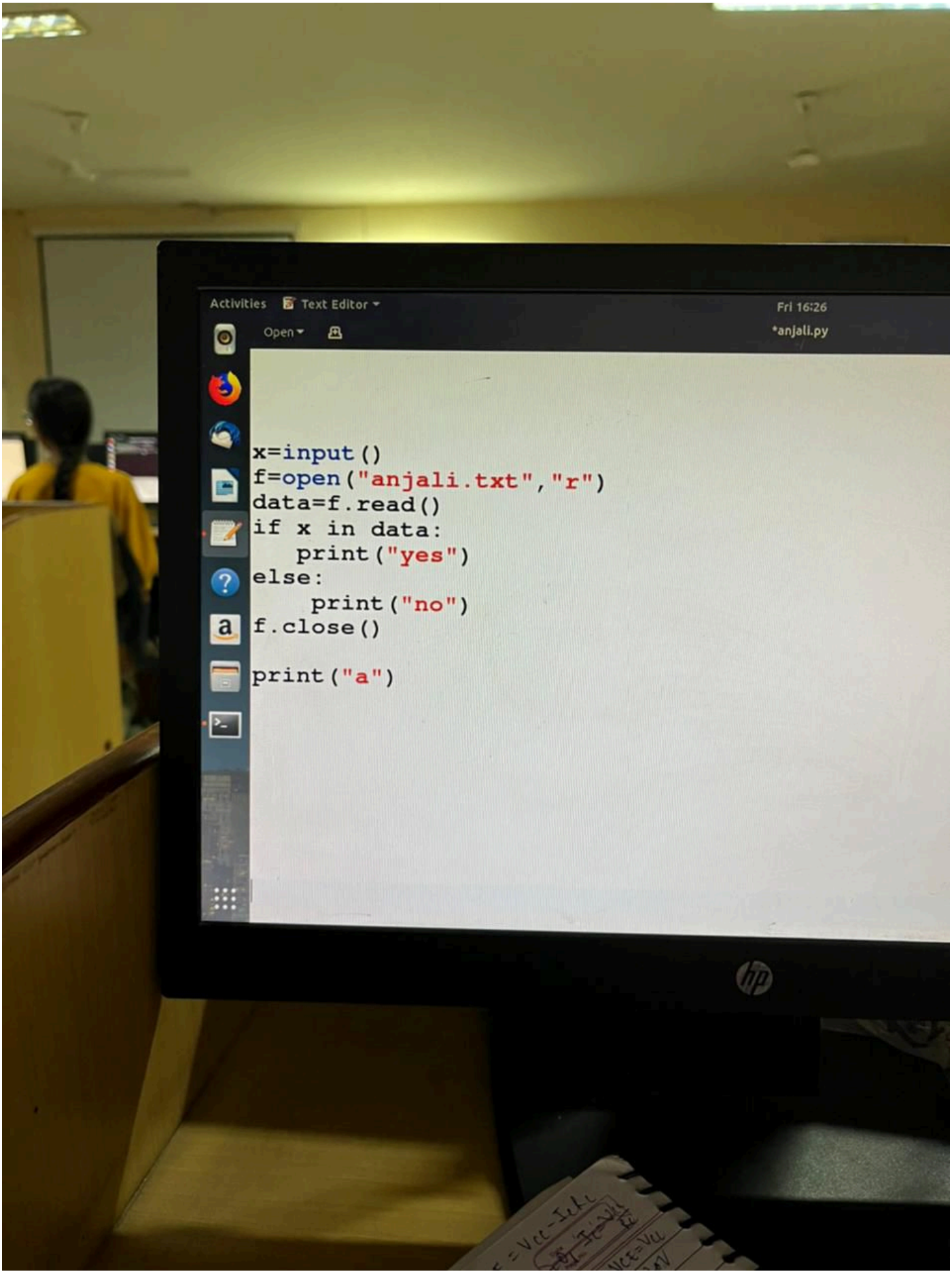

Activities
Text Editor
Open
dict={}
x = int(input())
for i in range(x):
k = int(input("enter key "))
v =int(input("enter value"))
dict.update({k:v})
print(dict)
print(dict.keys())
print(dict.values())
print(dict.items())
print(dict.get(1))
print(dict.pop(1))
print(dict)
d1=dict.copy()
print(d1)
d={1:{2:3},4:{5,6}}
for i in d.keys():
for j in d[i].key():
print(j)

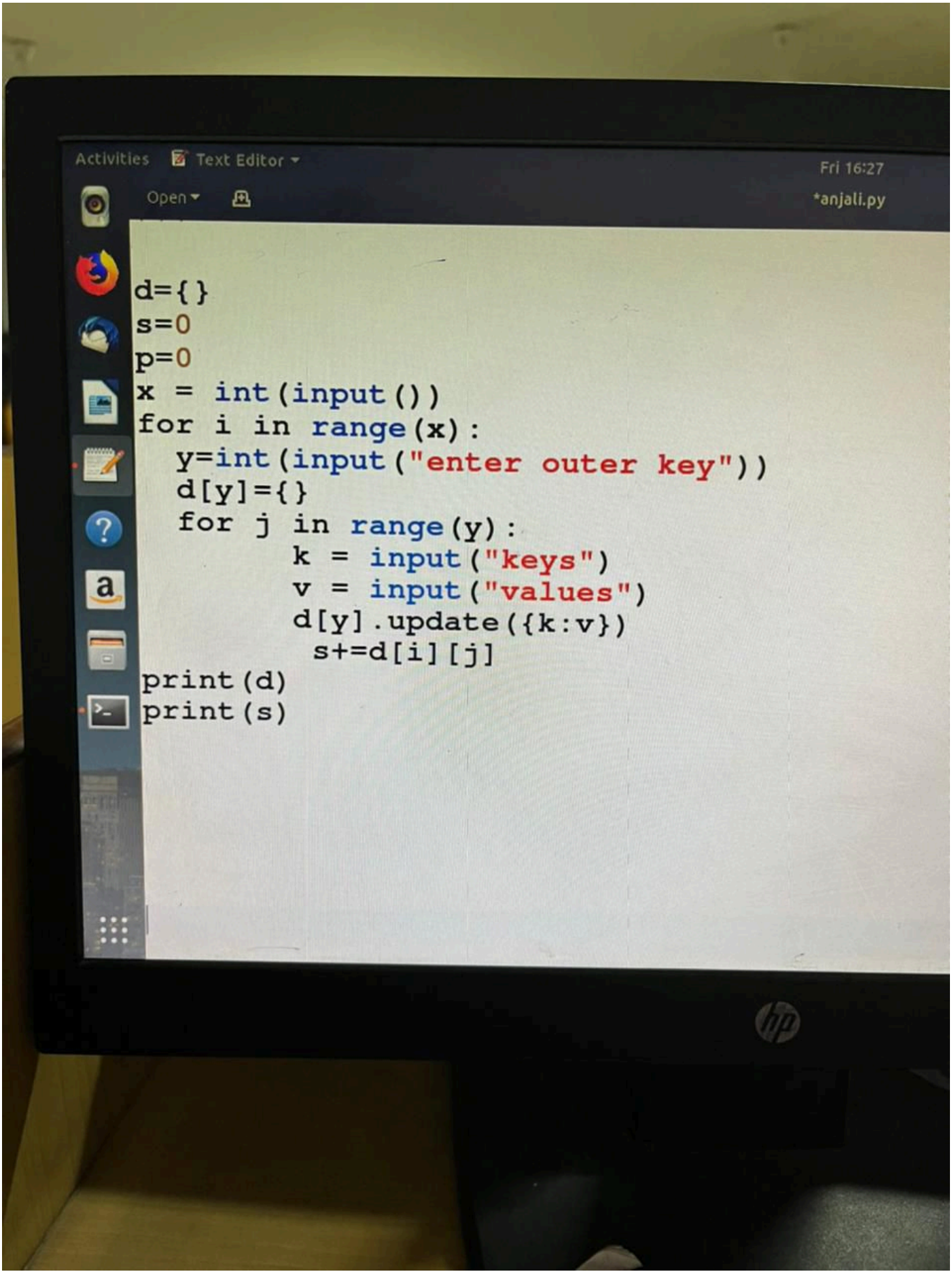

Activities
Text Editor
Fri 16:25
*anjali.py
Open
#fabonacc series using lambha function
#list hau uska
#2list unique
#fabbonic series
'''f=lambda x,y:x+y
a=int(input())
x=0
y=1
print(x,y,end='')
for i in range(a):
z=f(x,y)
print(z,end='')
x=y
y=z

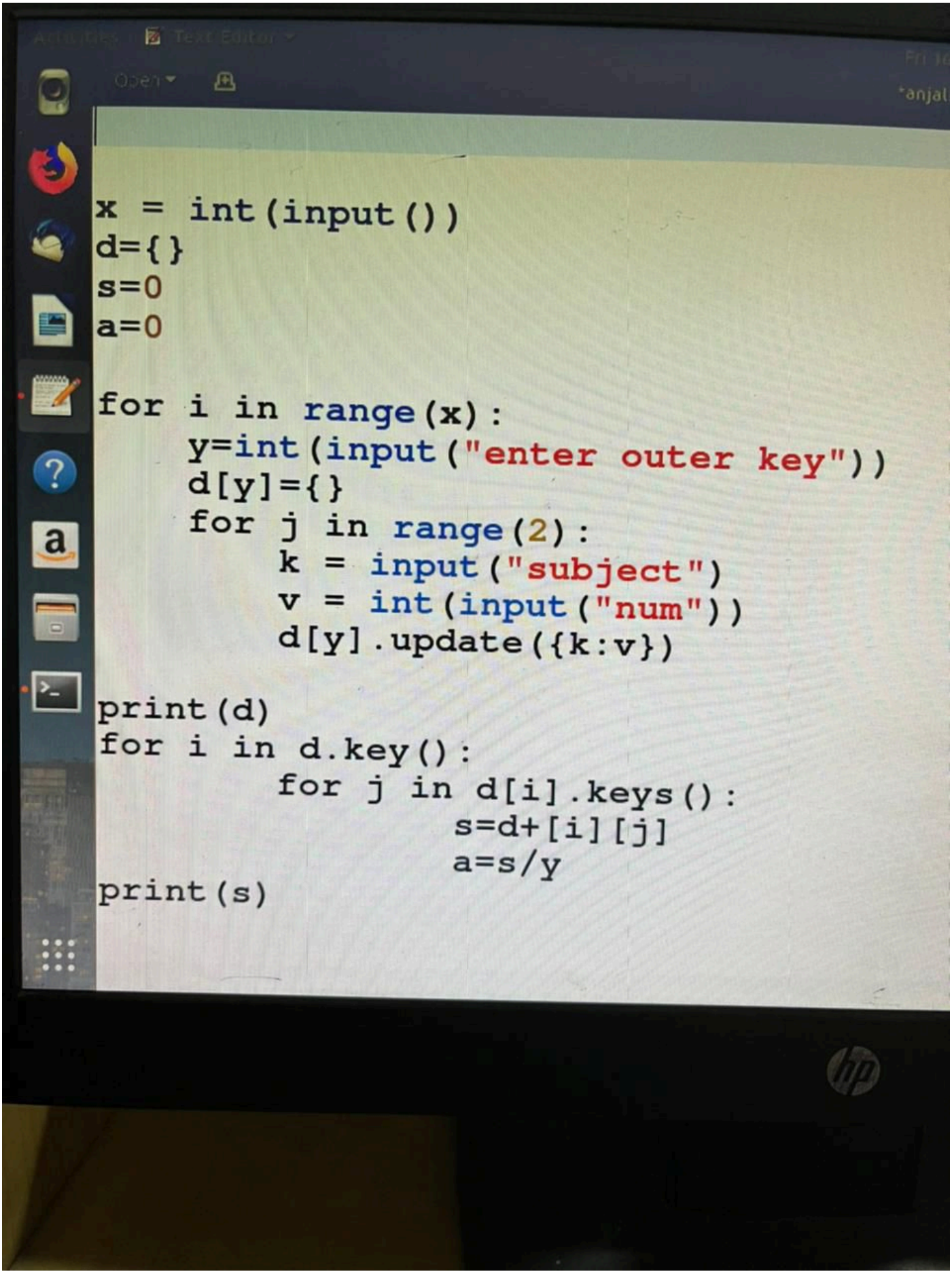

Activities
Text Editor
Fri 16:25
Open
*anjali.py
#common element in both list
x=[1,3,4,5,5]
y=[2,3,5,7]
list3=list(filter(lambda z:z in x,y))
print(list3)
output[3,5]
import functools
l=[1,2,3,4,5]
print(functools.reduce(lambda x,y:x+y,l))
output=15

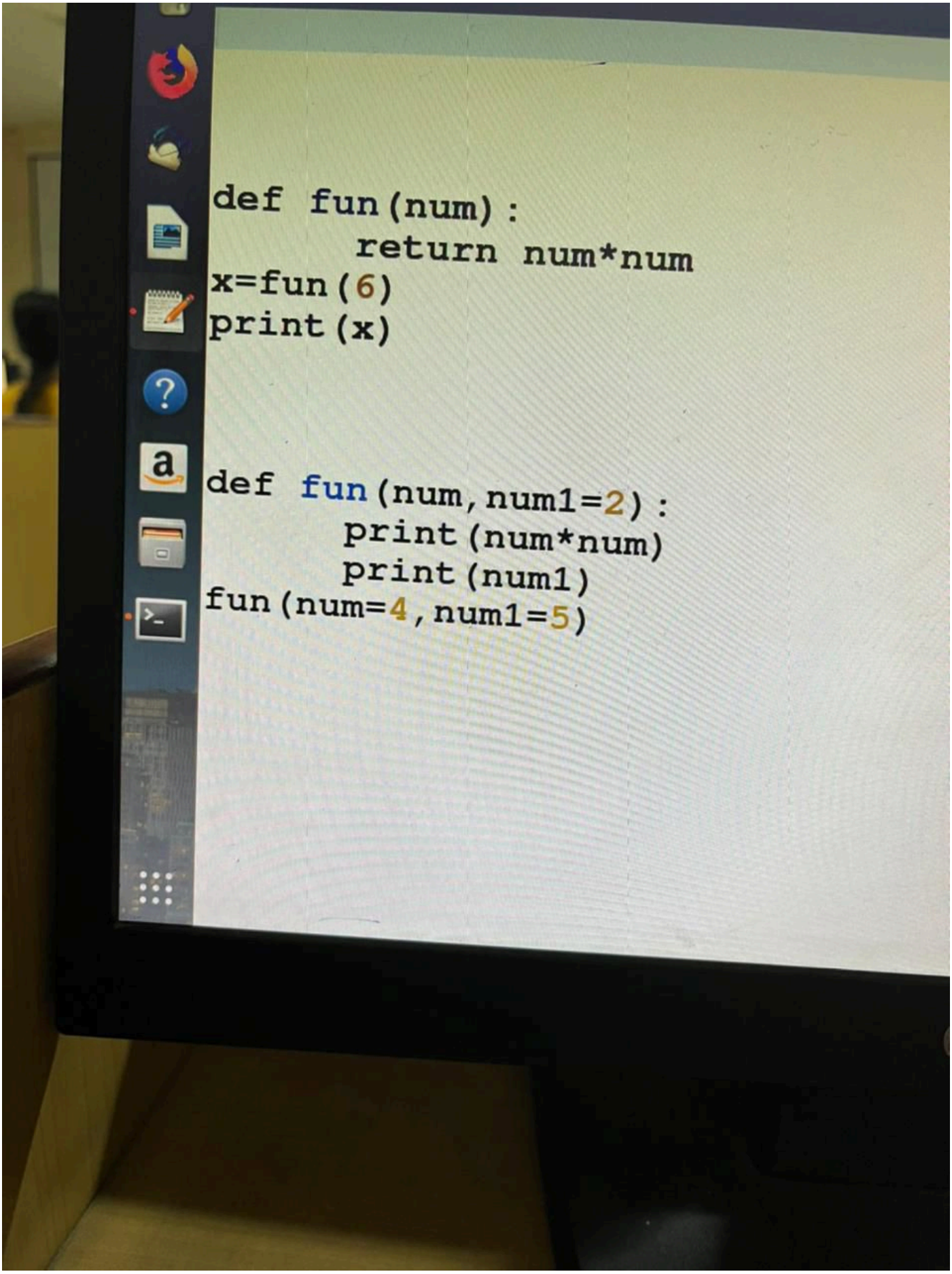

Activities
Text Editor
Open
x=input()
f=open("abc.txt","r")
data=f.read()
if x in data:
print("yes")
else:
print("no")
f.close'


Activities
Text Editor
Fri 16:26
Open
*anjali.py
x=input("enter a string")
y=len(x)
a=0
for i in range(0,y):
if x[i]>='A' and x[i]<='Z':
a =a + x[i]
print("upper character",x[i],count)
else:"'''
Python

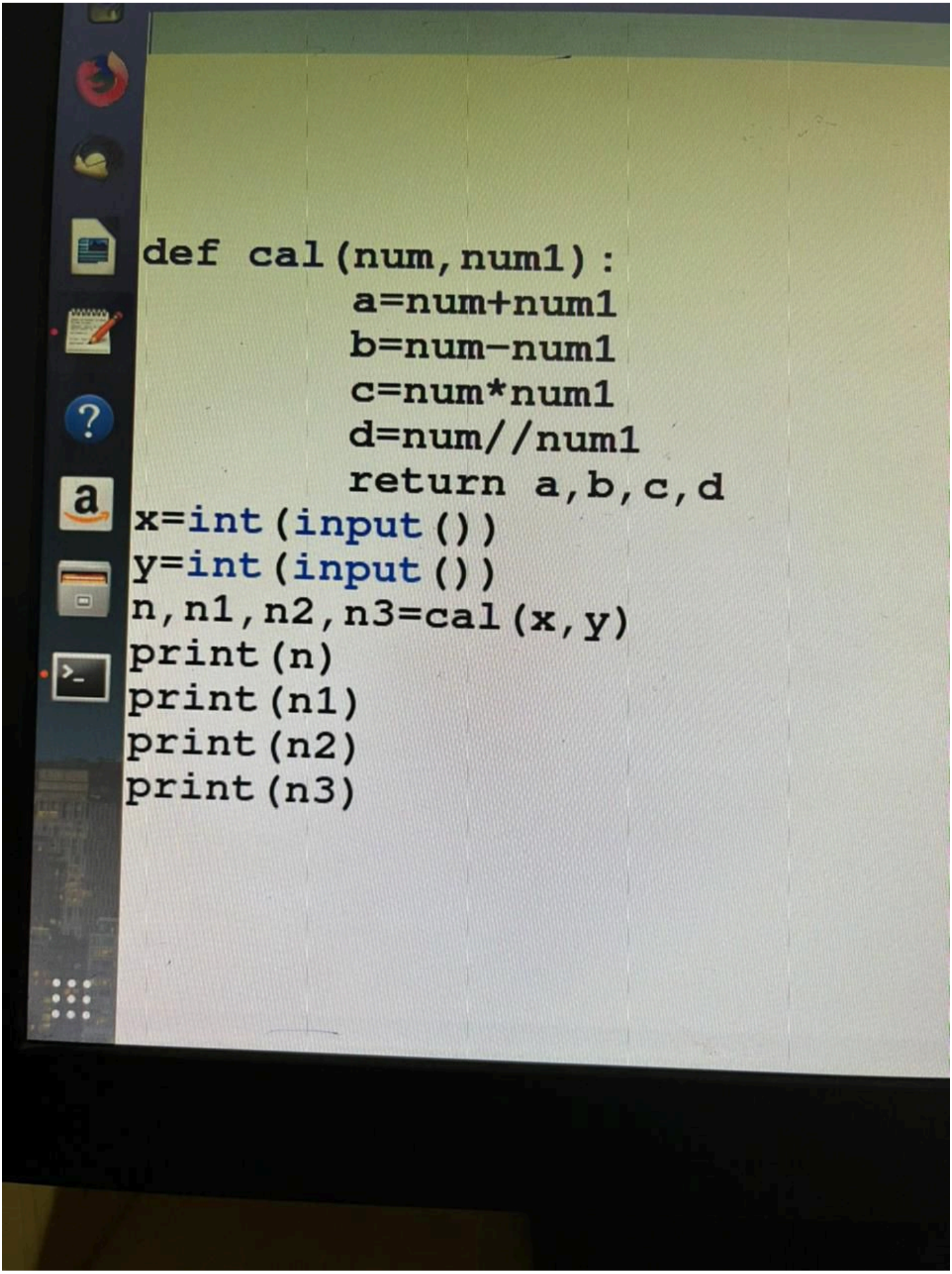

Activities
Text Editor
Fri 16:26
Open
*anjali.py
x=input()
f=open("anjali.txt","r")
data=f.read()
if x in data:
print("yes")
else:
print("no")
f.close()
print("a")


Activities
Text Editor
Fri 16:27
Open
*anjali.py
d={}
s=0
p=0
x = int(input())
for i in range(x):
y=int(input("enter outer key"))
d[y]={}
for j in range(y):
k = input("keys")
v = input("values")
d[y].update({k:v})
s+=d[i][j]
print(d)
print(s)

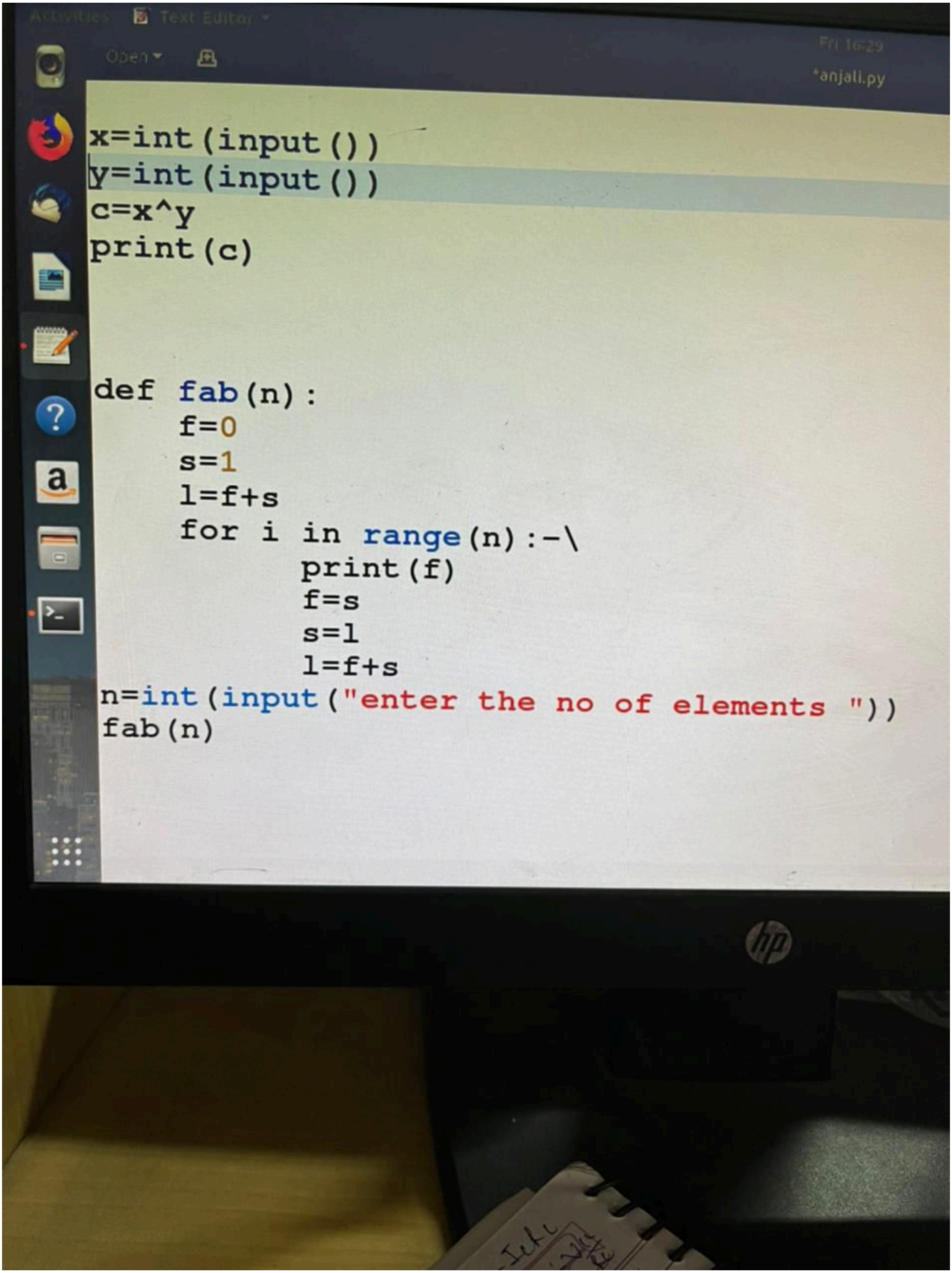

Activities
Text Editor
Open
anjal
x = int(input())
d={}
s=0
a=0
for i in range(x):
y=int(input("enter outer key"))
d[y]={}
for j in range(2):
k = input("subject")
v = int(input("num"))
d[y].update({k:v})
print(d)
for i in d.key():
for j in d[i].keys():
s=d+[i][j]
a=s/y
print(s)

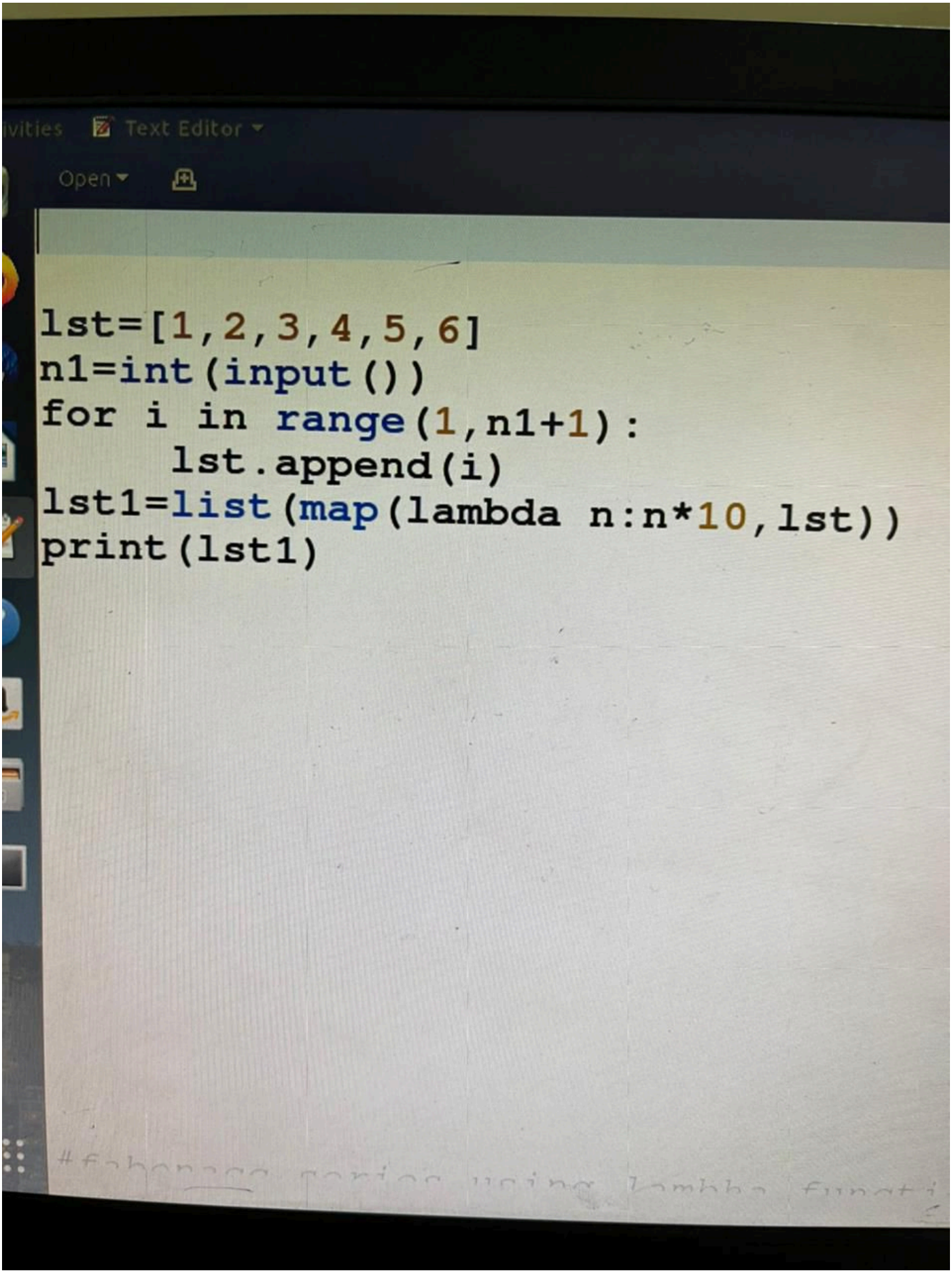


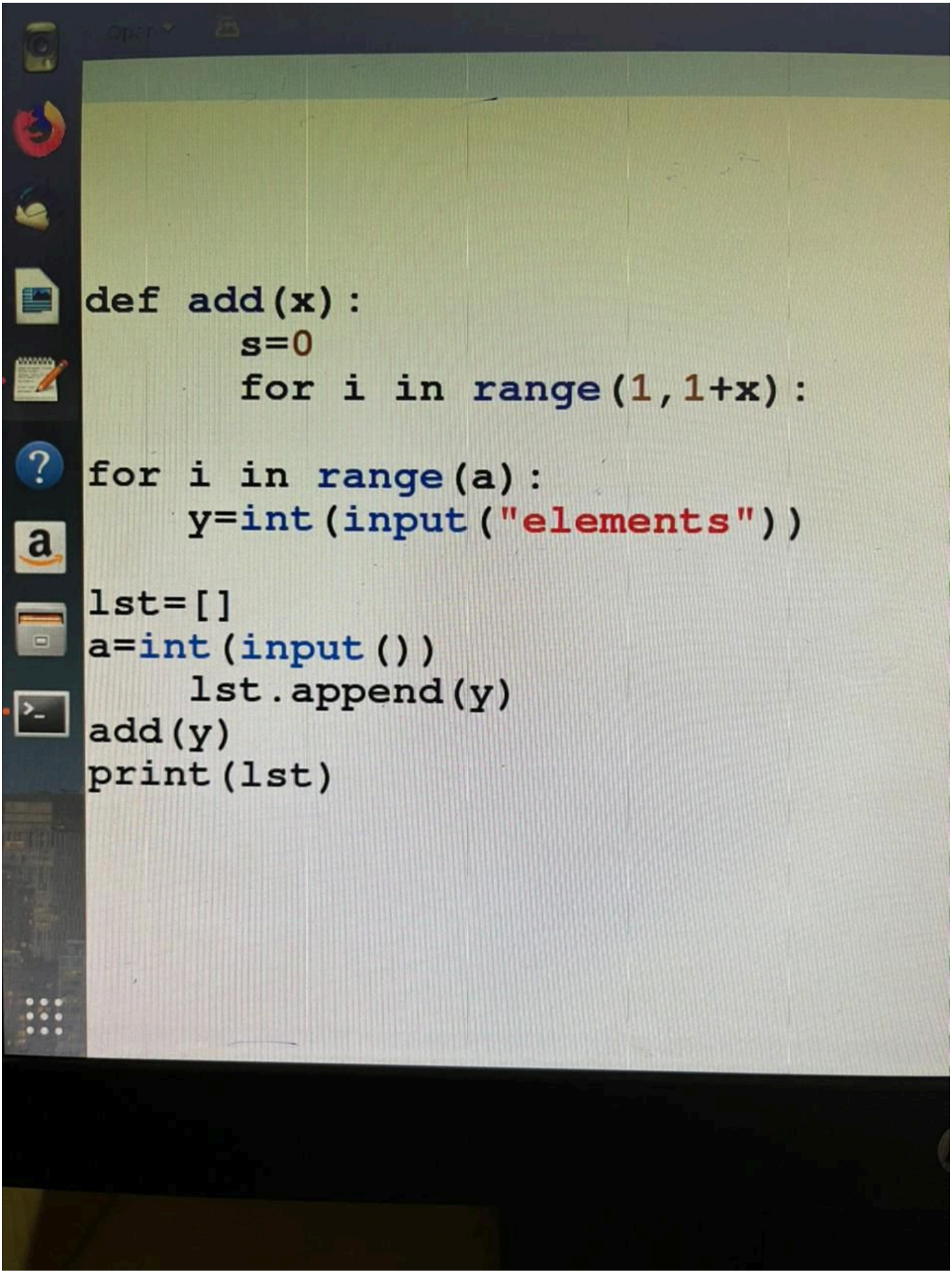
```
def fun(num):
        return num*num
x=fun(6)
print(x)


def fun(num,num1=2):
        print(num*num)
        print(num1)
fun(num=4,num1=5)
```



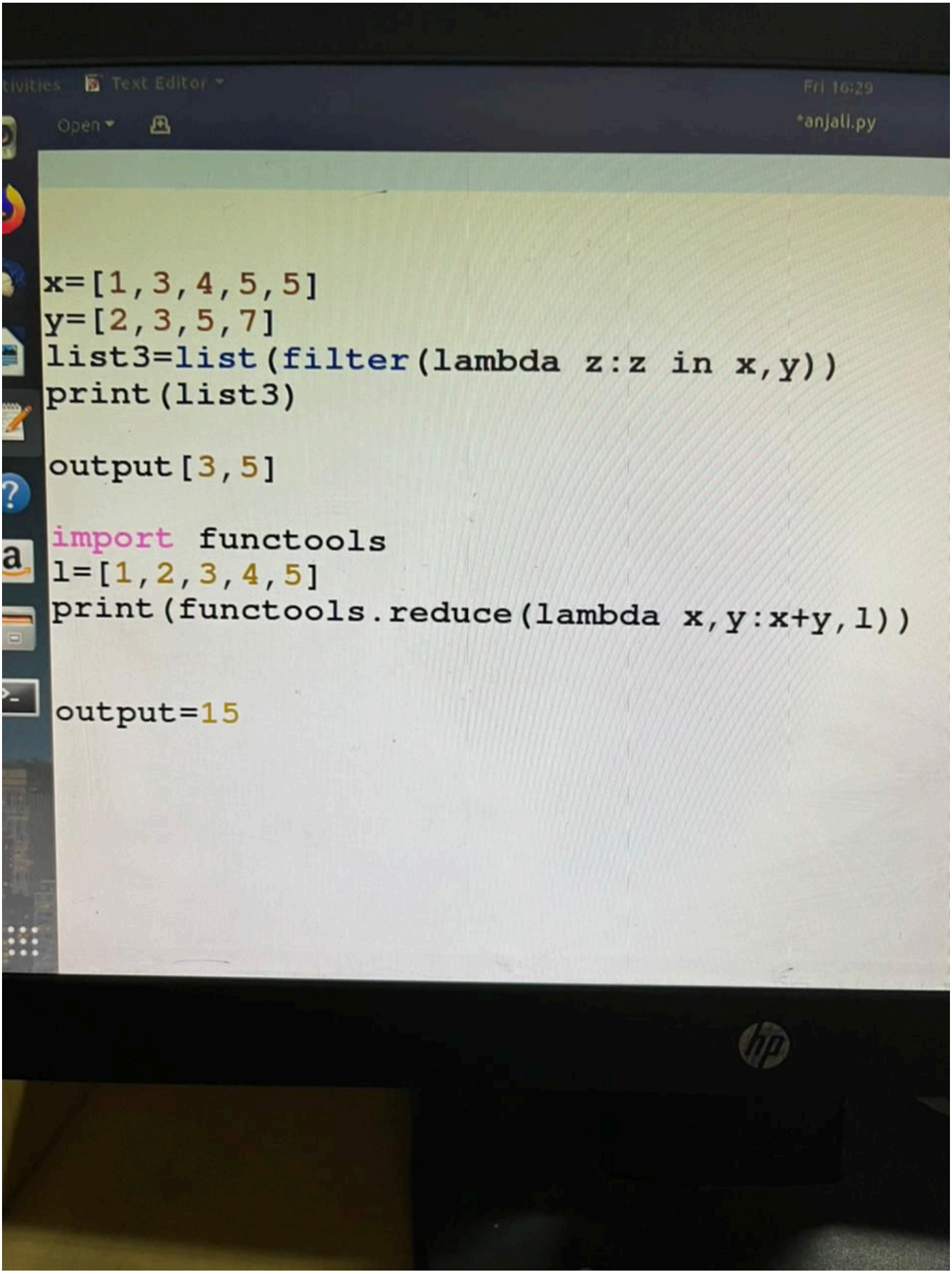
```
def cal(num,num1):
        a=num+num1
        b=num-num1
        c=num*num1
        d=num//num1
        return a,b,c,d
x=int(input())
y=int(input())
n,n1,n2,n3=cal(x,y)
print(n)
print(n1)
print(n2)
print(n3)
```

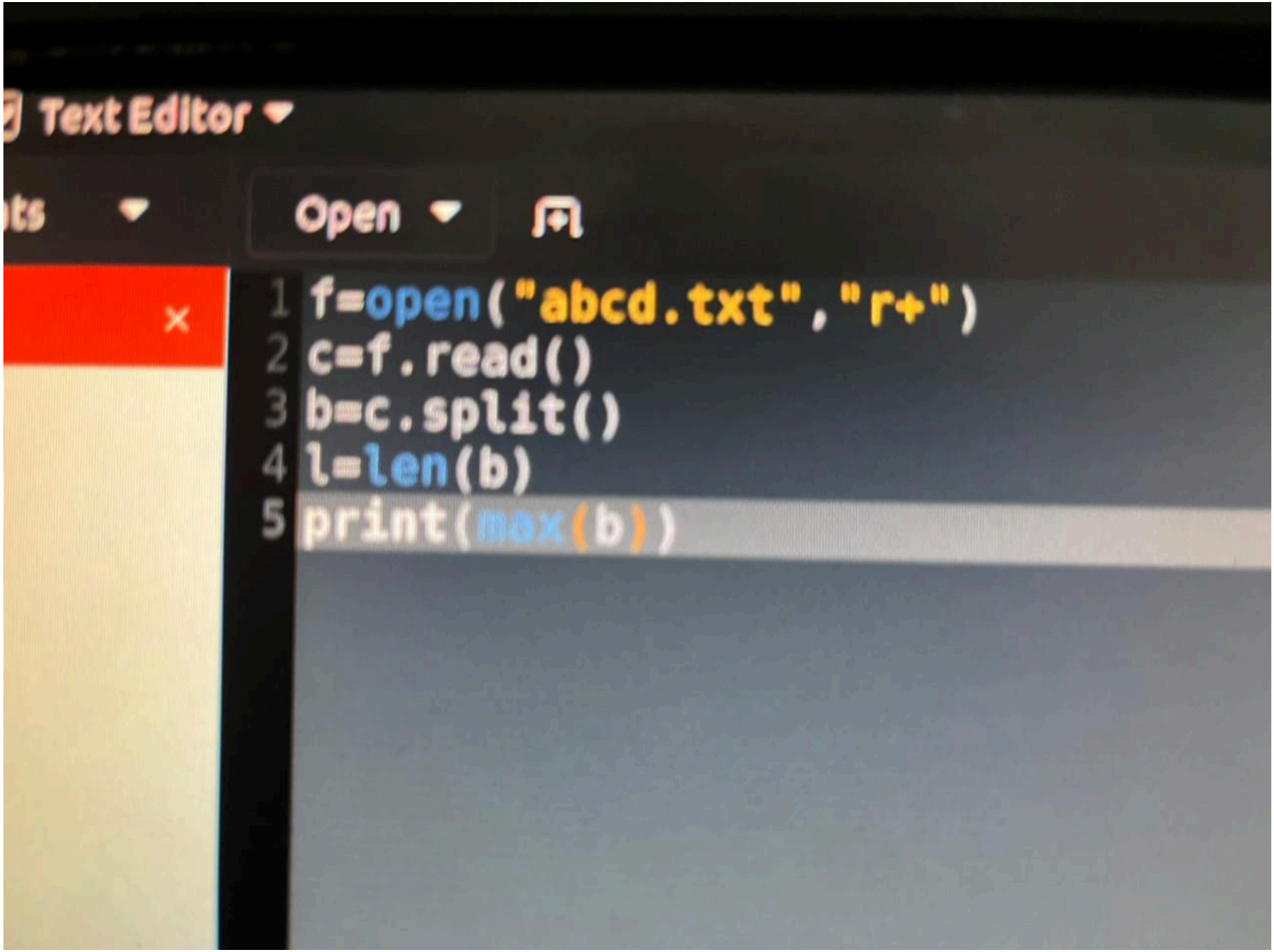

Activities
Text Editor
Open
Fri 16:29
*anjali.py
x=int(input())
y=int(input())
c=x^y
print(c)
def fab(n):
f=0
s=1
l=f+s
for i in range(n):-\
print(f)
f=s
s=l
l=f+s
n=int(input("enter the no of elements "))
fab(n)

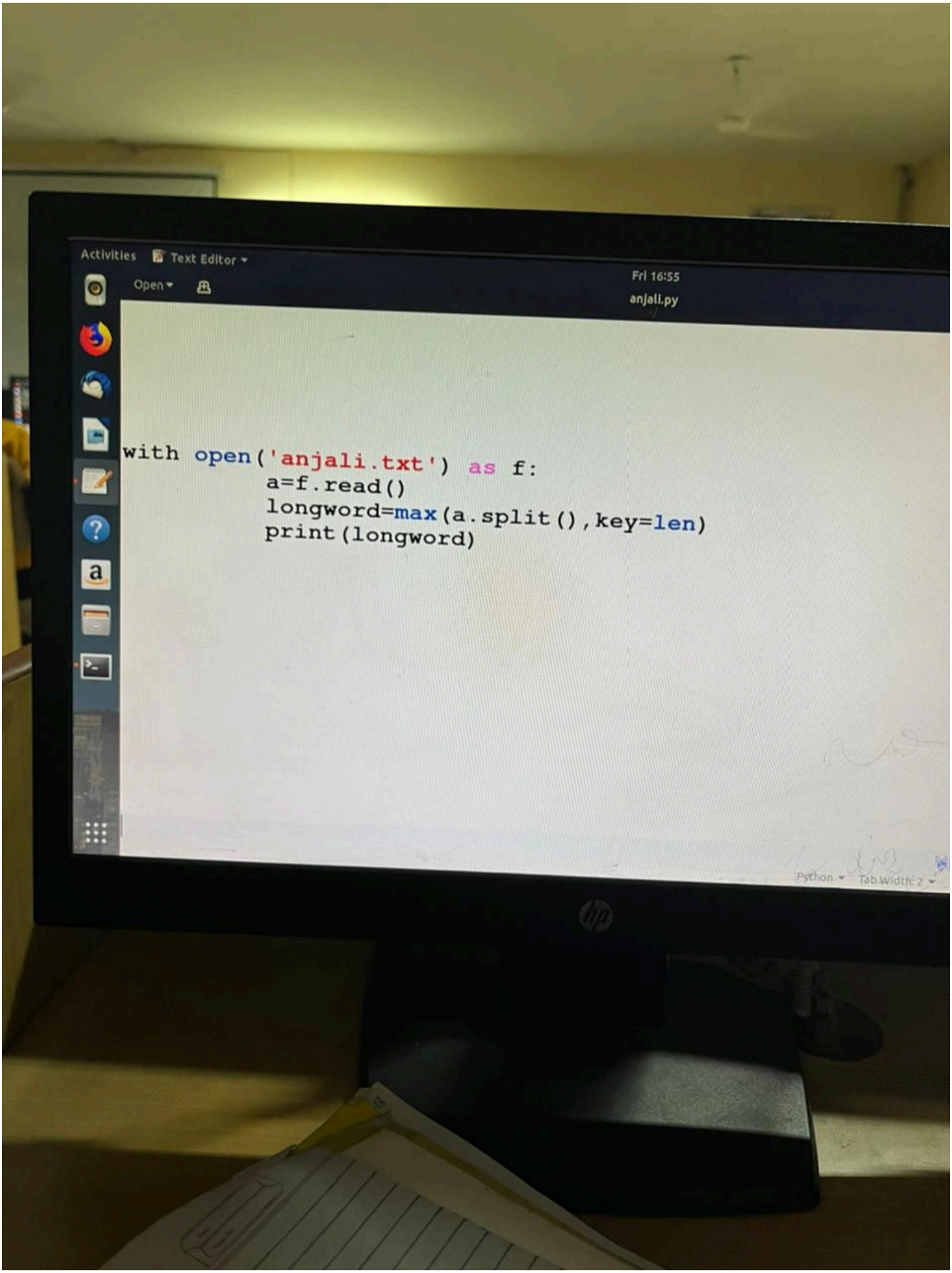

ivities
Text Editor
Open
lst=[1,2,3,4,5,6]
n1=int(input())
for i in range(1,n1+1):
lst.append(i)
lst1=list(map(lambda n:n*10,lst))
print(lst1)

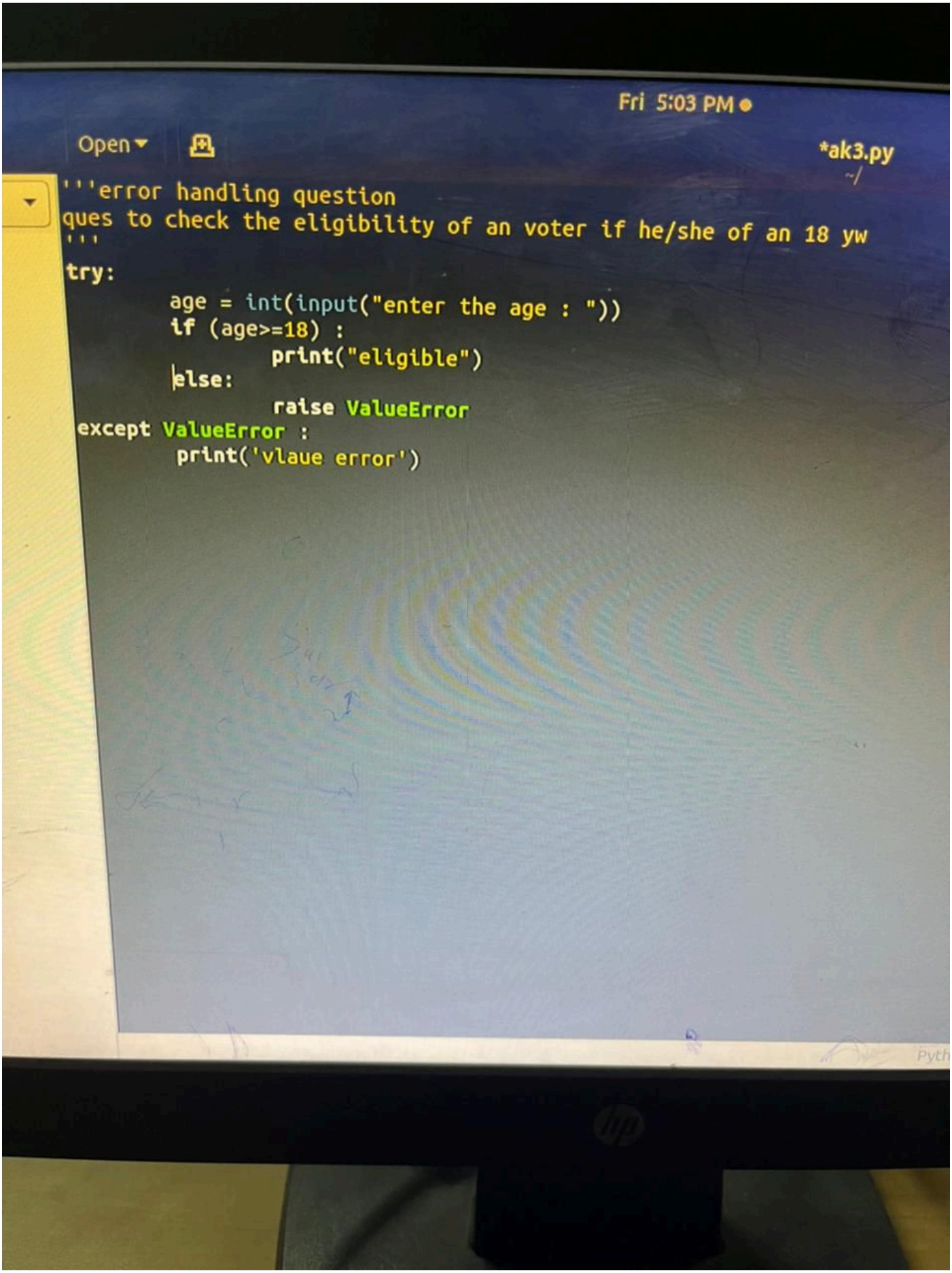


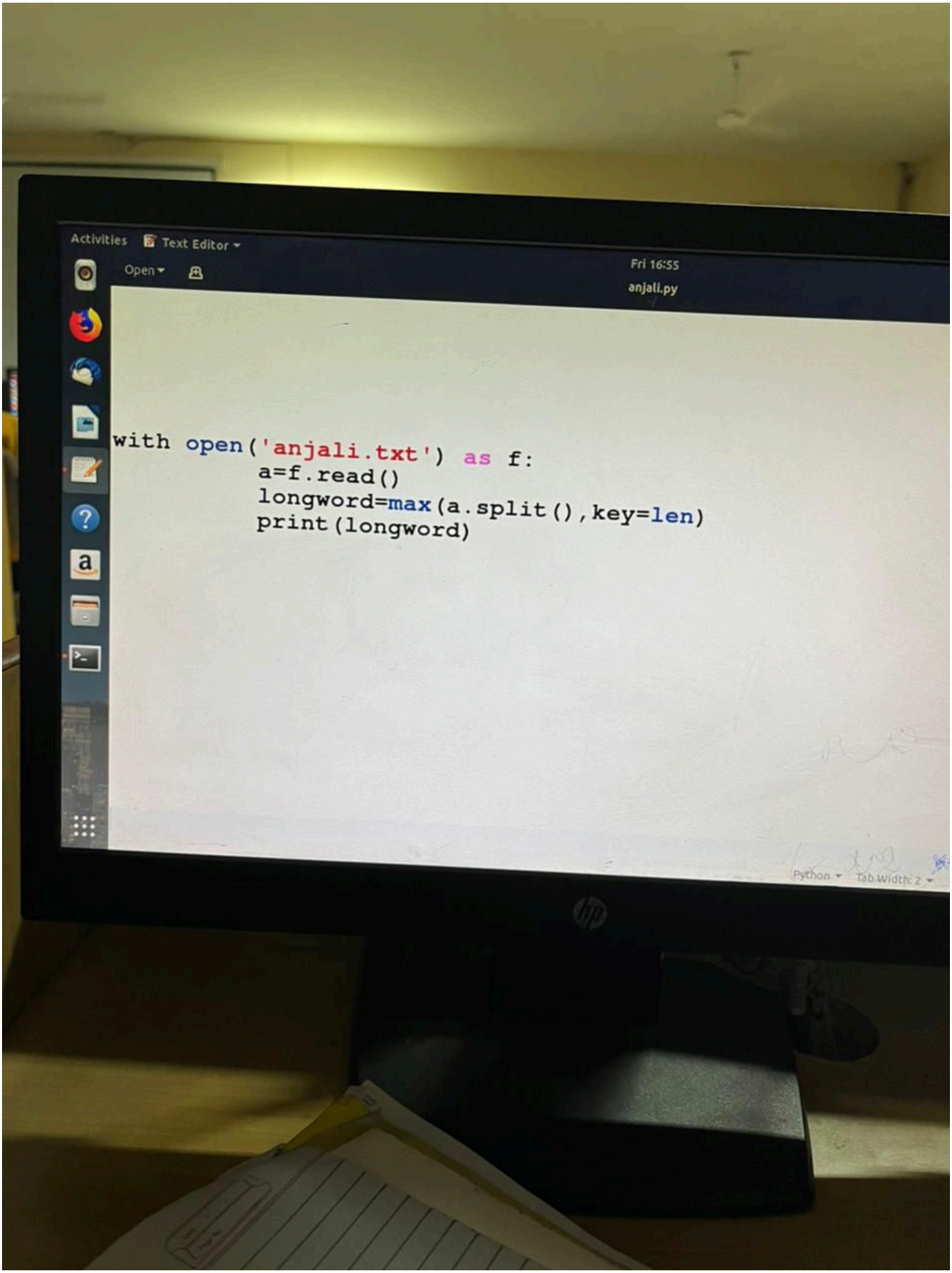
```
def add(x):
        s=0
        for i in range(1,1+x):

for i in range(a):
    y=int(input("elements"))

lst=[]
a=int(input())
    lst.append(y)
add(y)
print(lst)
```


Text Editor
Fri 16:29
Open
*anjali.py
x=[1,3,4,5,5]
y=[2,3,5,7]
list3=list(filter(lambda z:z in x,y))
print(list3)
output[3,5]
import functools
l=[1,2,3,4,5]
print(functools.reduce(lambda x,y:x+y,l))
output=15


Text Editor
Open
1 f=open("abcd.txt","r+")
2 c=f.read()
3 b=c.split()
4 l=len(b)
5 print(max(b))


Activities
Text Editor
Open
Fri 16:55
anjali.py
with open('anjali.txt') as f:
a=f.read()
longword=max(a.split(),key=len)
print(longword)
Python
Tab Width: 2


Fri 5:03 PM
Open
*ak3.py
~/
'''error handling question
ques to check the eligibility of an voter if he/she of an 18 yw
'''
try:
age = int(input("enter the age : "))
if (age>=18) :
print("eligible")
else:
raise ValueError
except ValueError :
print('vlaue error')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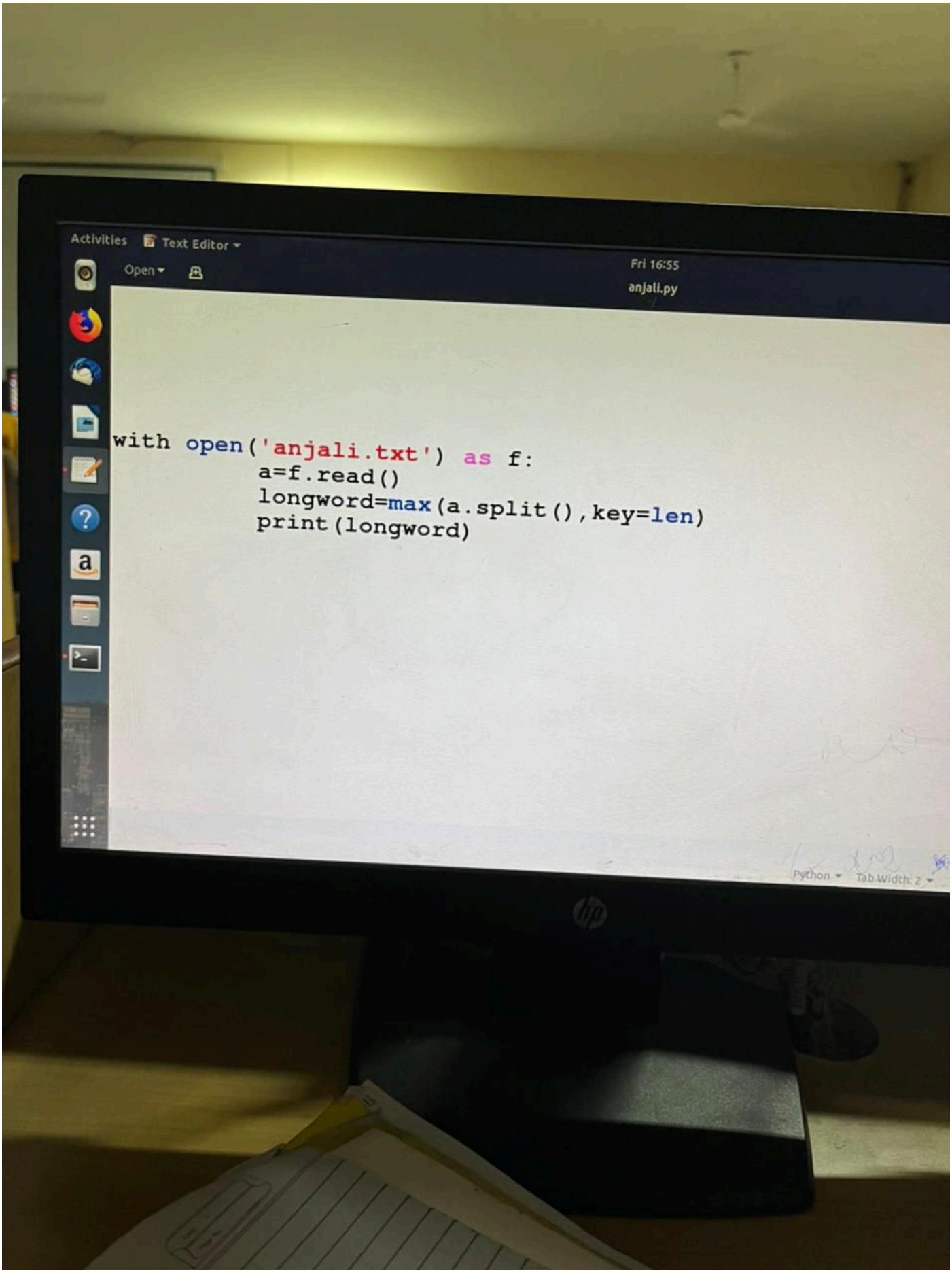
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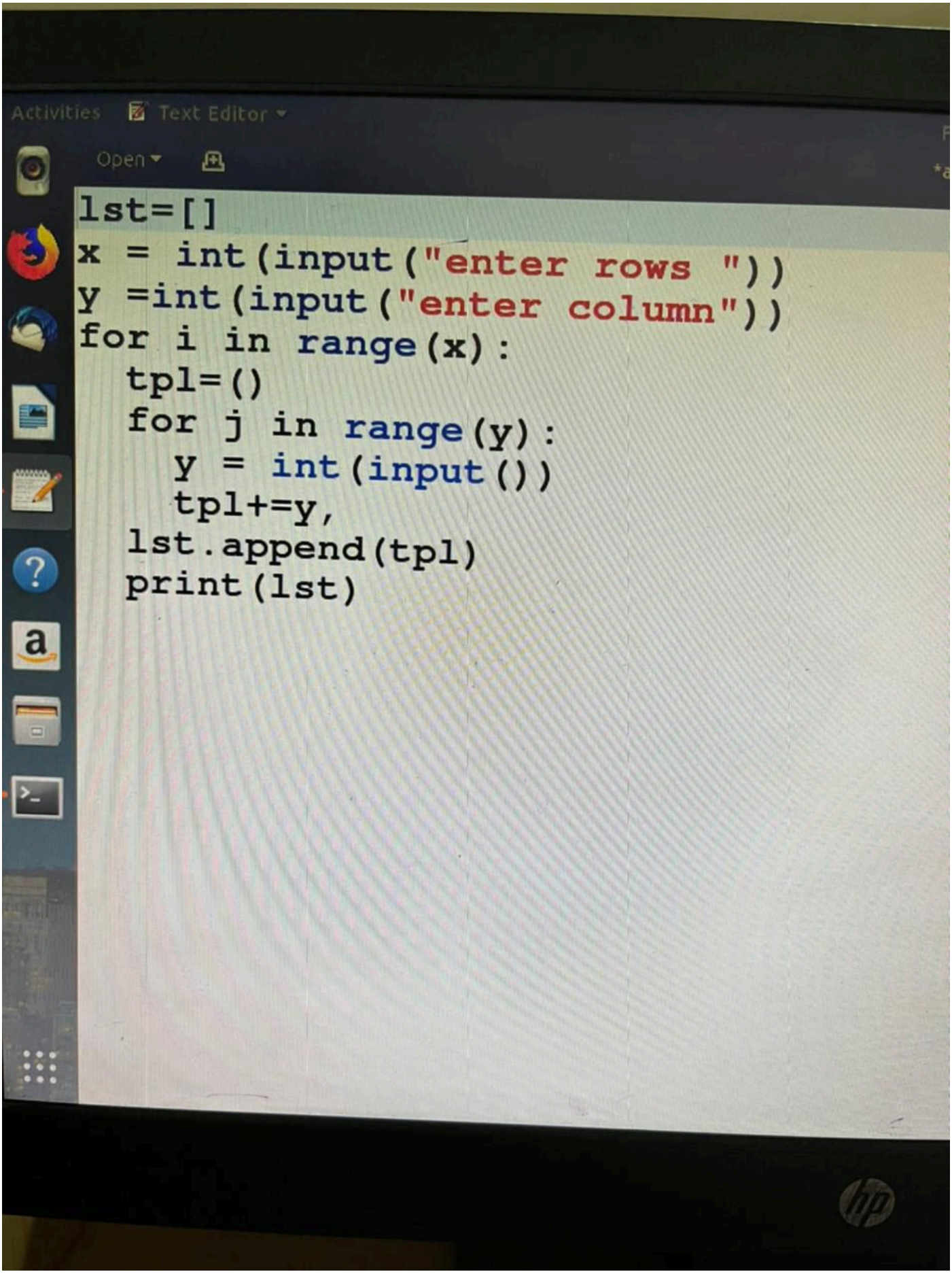
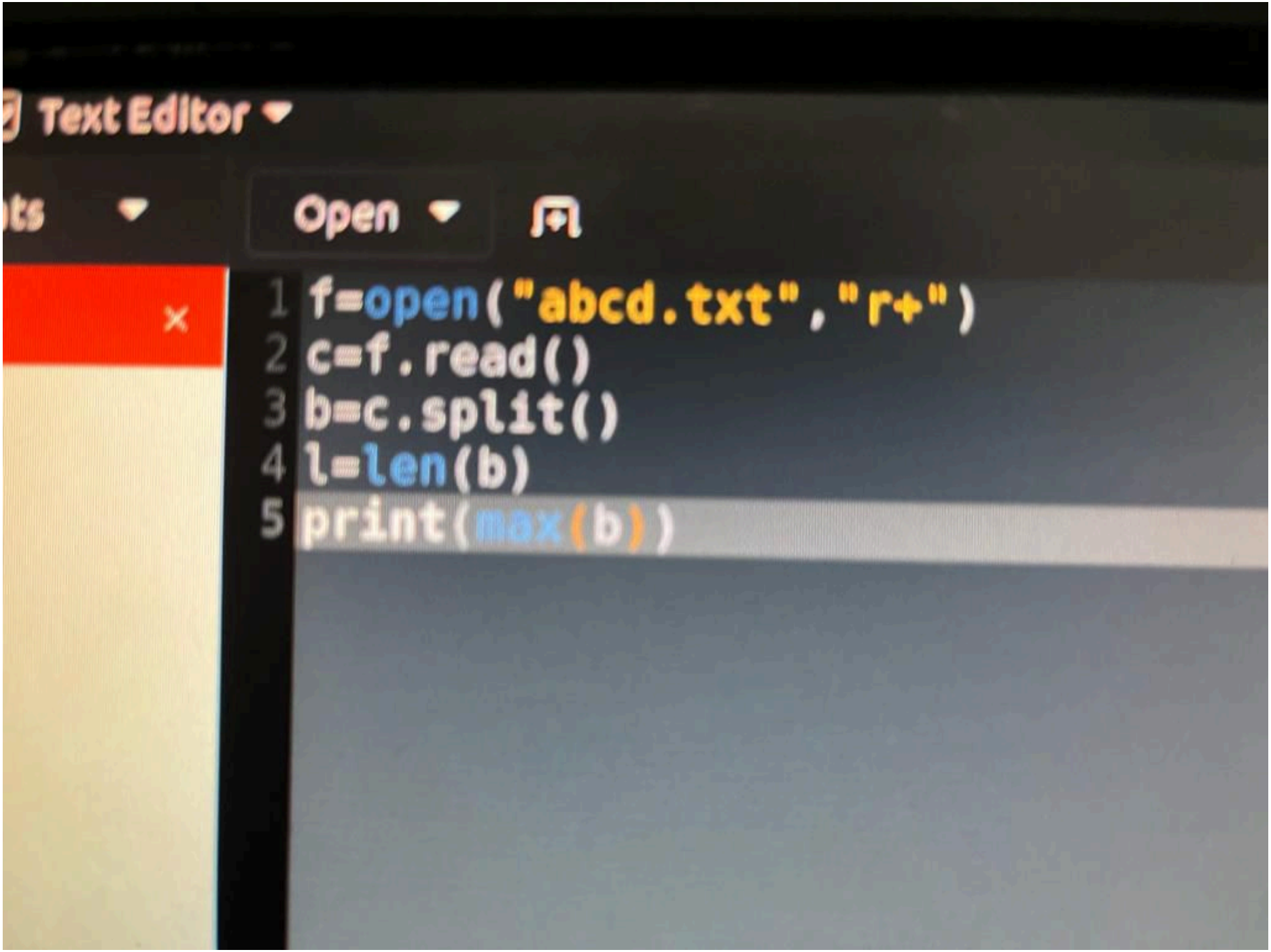
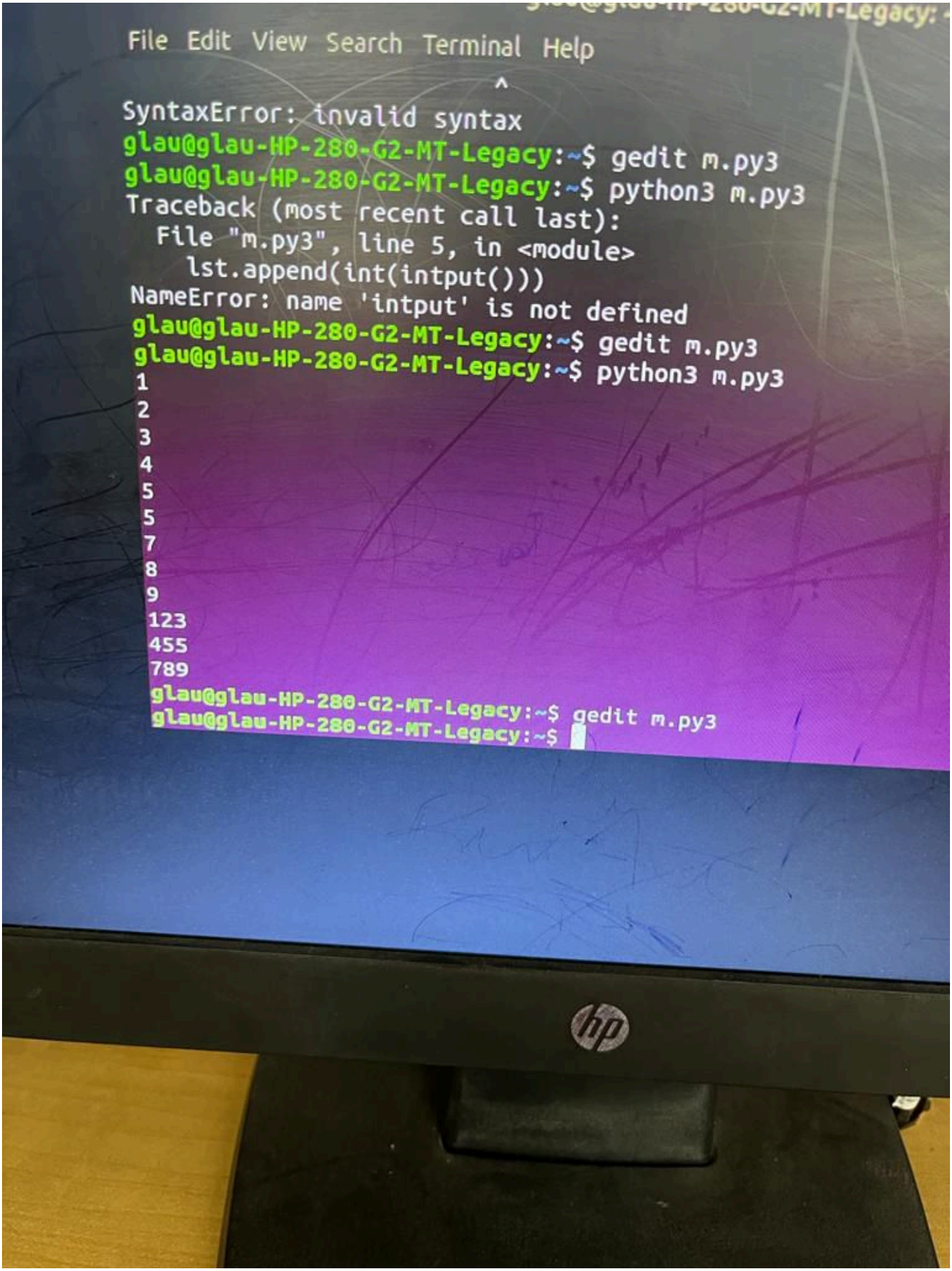
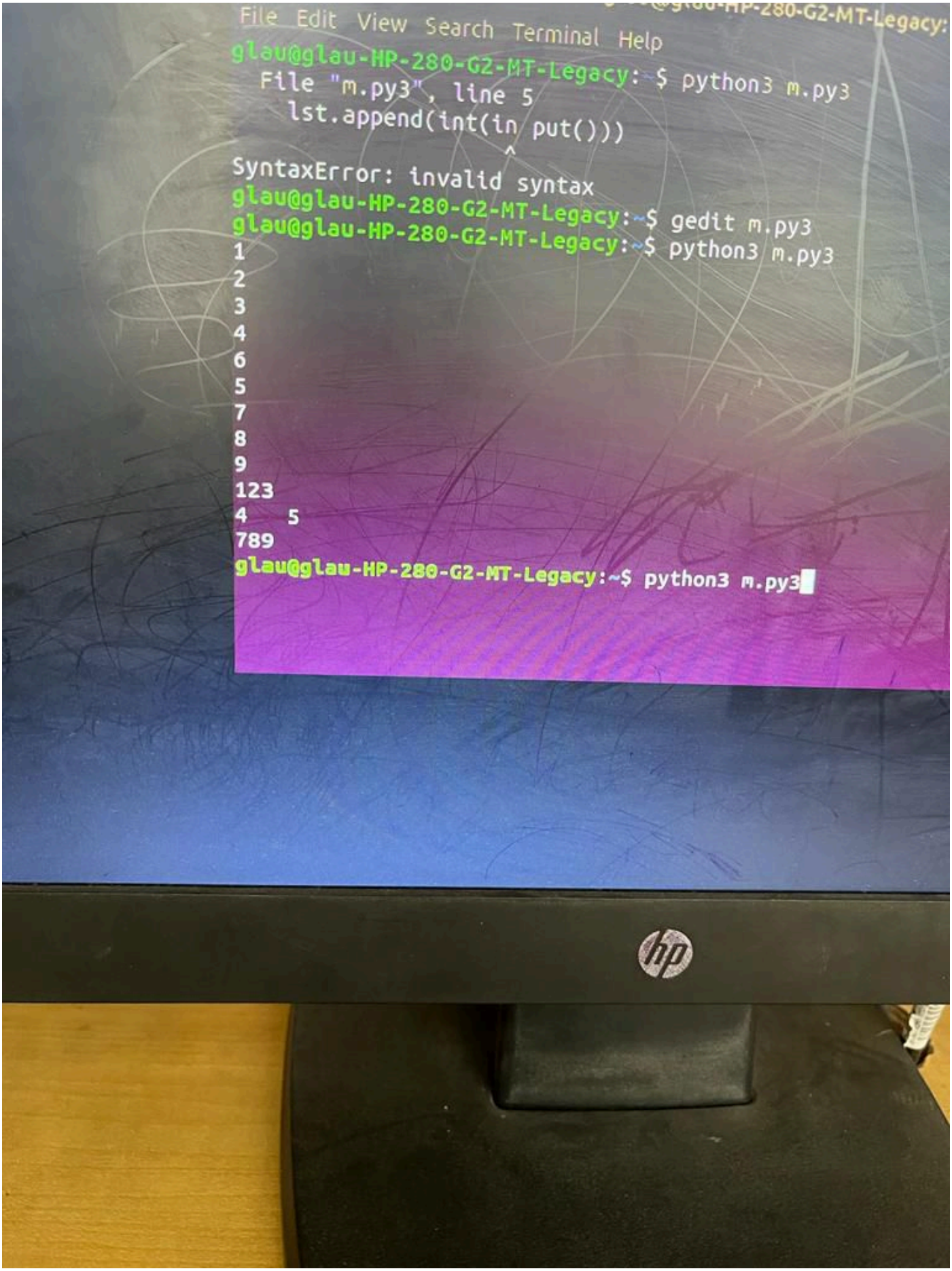

Activities
Text Editor
Open
lst=[]
x = int(input("enter rows "))
y =int(input("enter column"))
for i in range(x):
tpl=()
for j in range(y):
y = int(input())
tpl+=y,
lst.append(tpl)
print(lst)


Text Editor
Open
1 f=open("abcd.txt","r+")
2 c=f.read()
3 b=c.split()
4 l=len(b)
5 print(max(b))


File Edit View Search Terminal Help
^
SyntaxError: invalid syntax
glau@glau-HP-280-G2-MT-Legacy:~$ gedit m.py3
glau@glau-HP-280-G2-MT-Legacy:~$ python3 m.py3
Traceback (most recent call last):
File "m.py3", line 5, in <module>
lst.append(int(intput()))
NameError: name 'intput' is not defined
glau@glau-HP-280-G2-MT-Legacy:~$ gedit m.py3
glau@glau-HP-280-G2-MT-Legacy:~$ python3 m.py3
1
2
3
4
5
5
7
8
9
123
455
789
glau@glau-HP-280-G2-MT-Legacy:~$ gedit m.py3
glau@glau-HP-280-G2-MT-Legacy:~$


File Edit View Search Terminal Help
glau@glau-HP-280-G2-MT-Legacy:~$ python3 m.py3
File "m.py3", line 5
lst.append(int(in put()))
^
SyntaxError: invalid syntax
glau@glau-HP-280-G2-MT-Legacy:~$ gedit m.py3
glau@glau-HP-280-G2-MT-Legacy:~$ python3 m.py3
1
2
3
4
6
5
7
8
9
123
4 5
789
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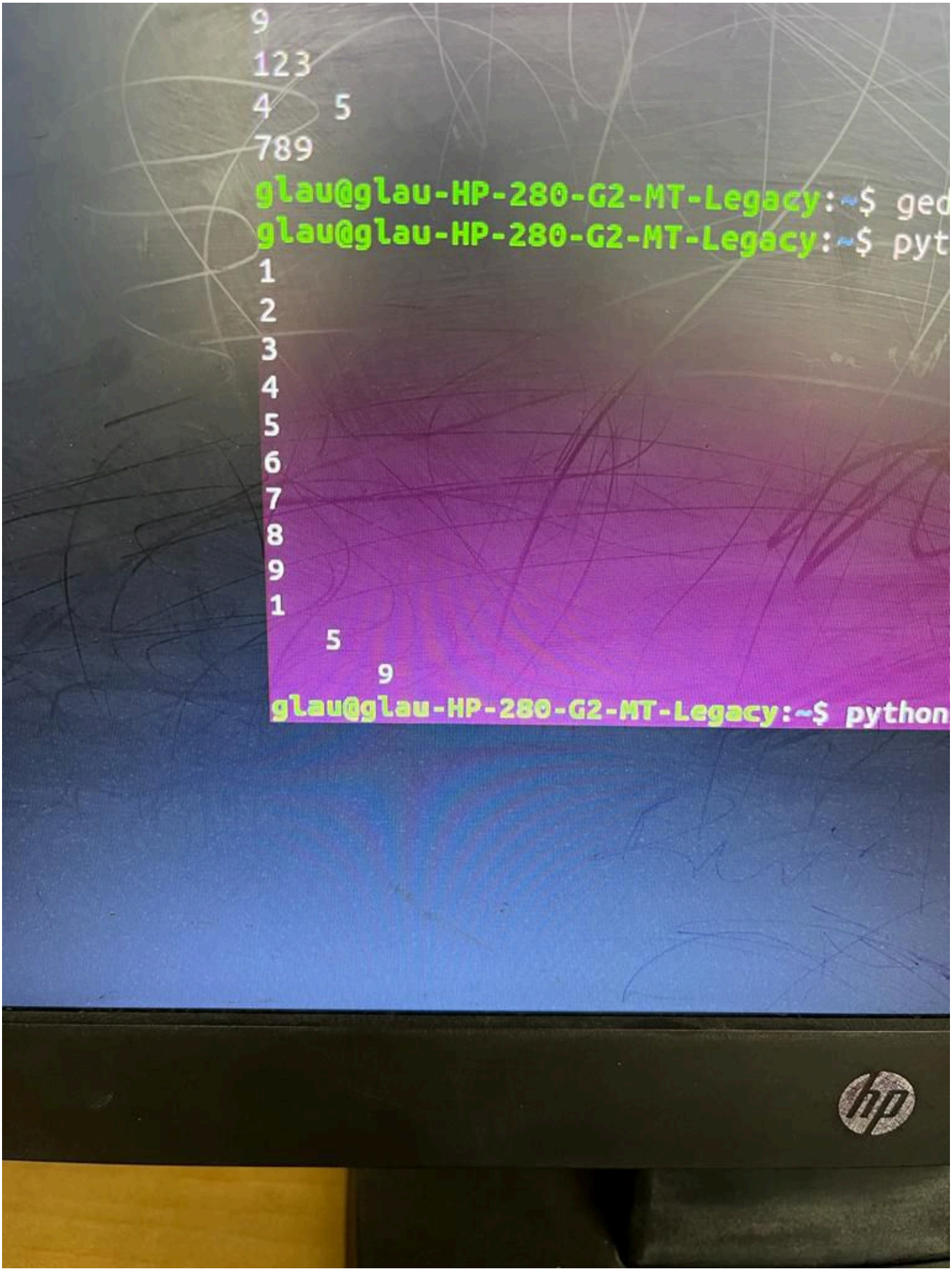
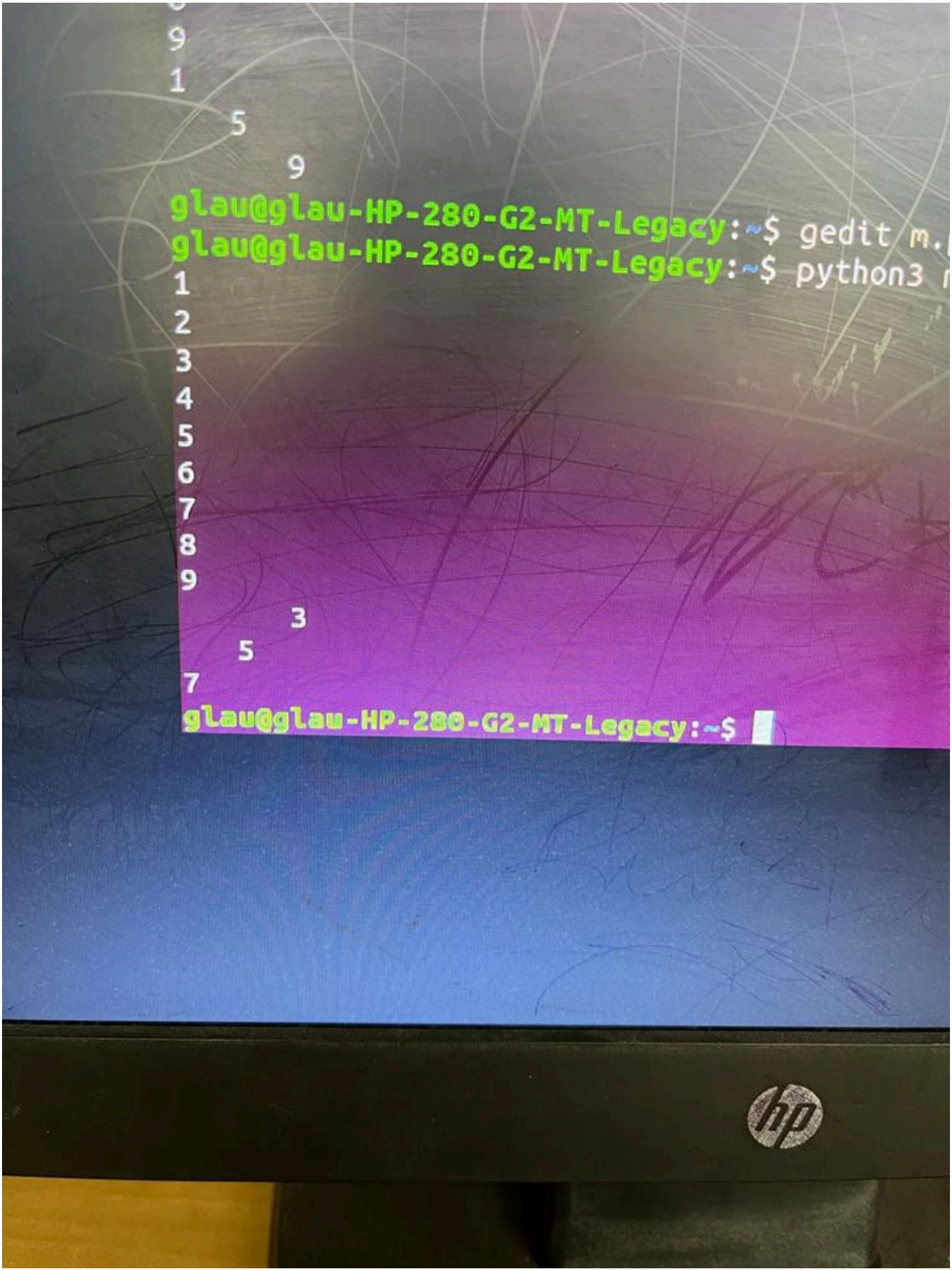
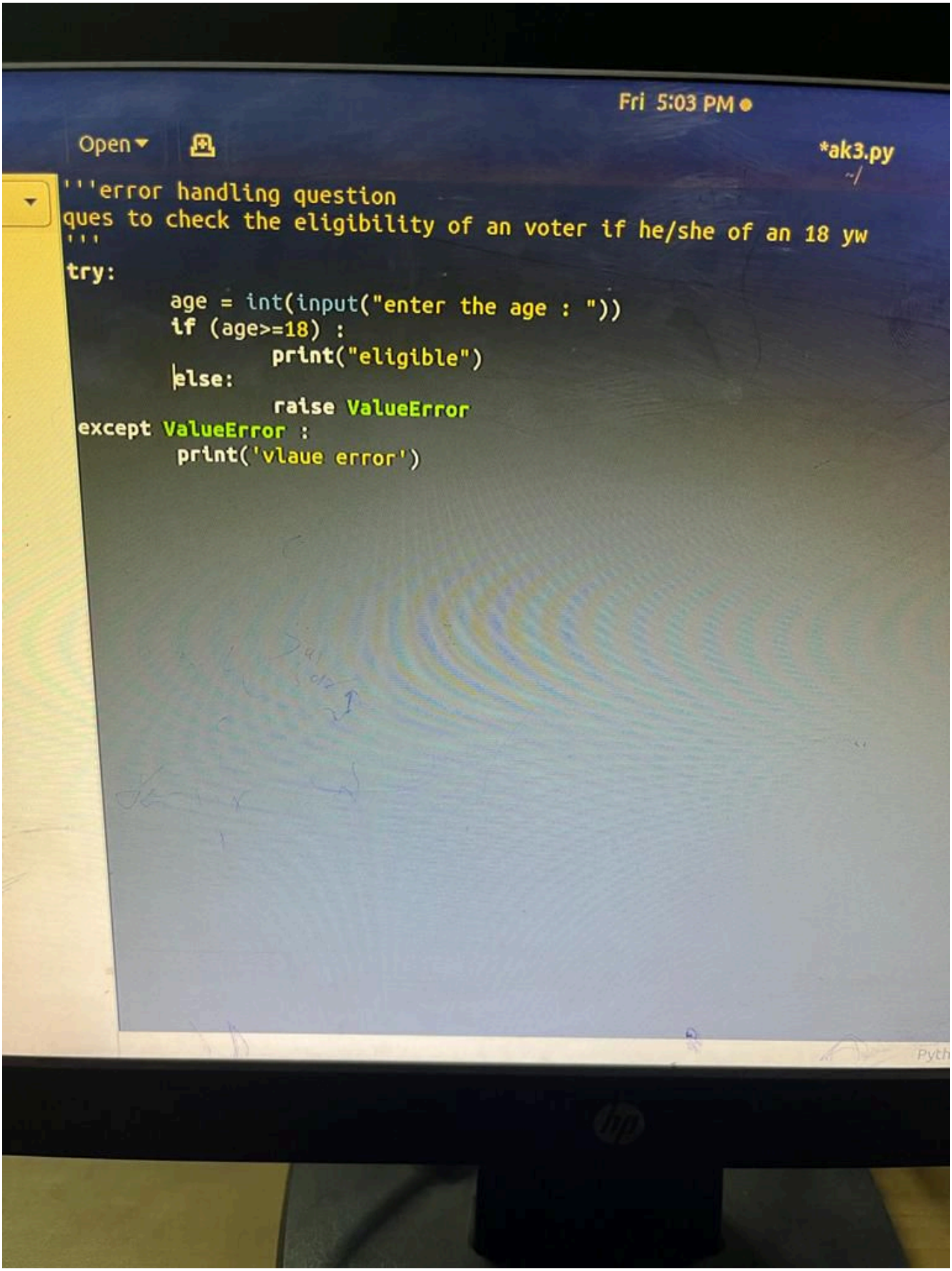

9
123
4 5
789
glau@glau-HP-280-G2-MT-Legacy:~$ ged
glau@glau-HP-280-G2-MT-Legacy:~$ pyt
1
2
3
4
5
6
7
8
9
1
5
9
glau@glau-HP-280-G2-MT-Legacy:~$ python


9
1
5
9
glau@glau-HP-280-G2-MT-Legacy:~$ gedit m.
glau@glau-HP-280-G2-MT-Legacy:~$ python3
1
2
3
4
5
6
7
8
9
3
5
7
glau@glau-HP-280-G2-MT-Legacy:~$

```
d = {1:0, 2:0, 3:0}
print(d)

# clear : to clear the dict
# to clear the items
d = {1: 3, 0: 43}
print(d)
print(id(d))
d.clear()
print(d)
print(id(d))
```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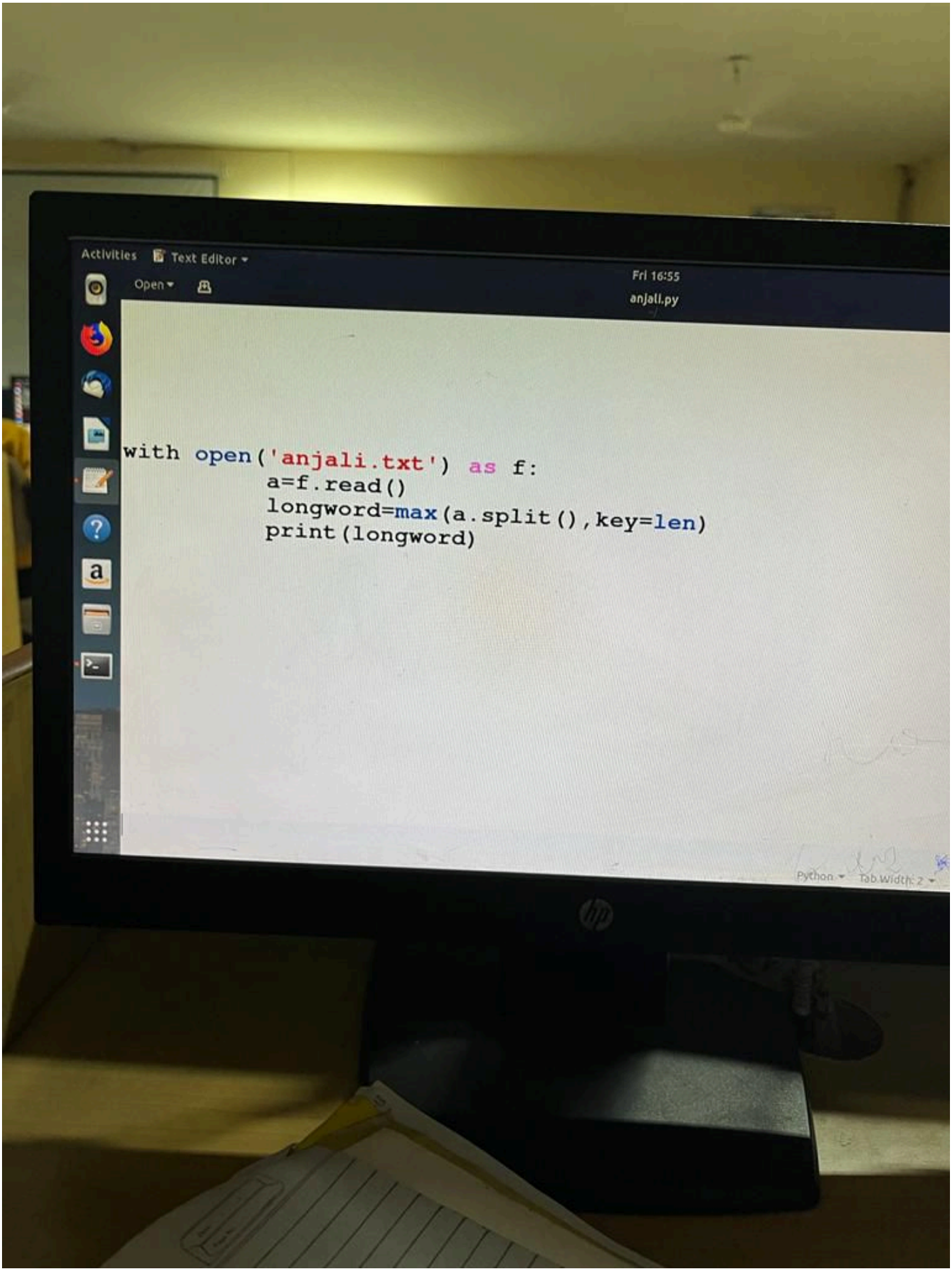
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Python
Tab Width: 2

```
# copy
d = {1: 3, 0: 43}
y = d.copy()
y.clear()
print(y)
print(d)
```

```python
k = [(1, 2), (5, 4), (6, 7)]
d = dict(k)
print(d, type(d))
# {1: 2, 5: 4, 6: 7, 'H': 'i'} <class 'd
```

```
dct = {'name':'Govind', 'rolln':30, '
dct['name'] = 'akshay'
dct['section'] = 'O'
dct['address'] = 'GLA University'
print(dct)
```