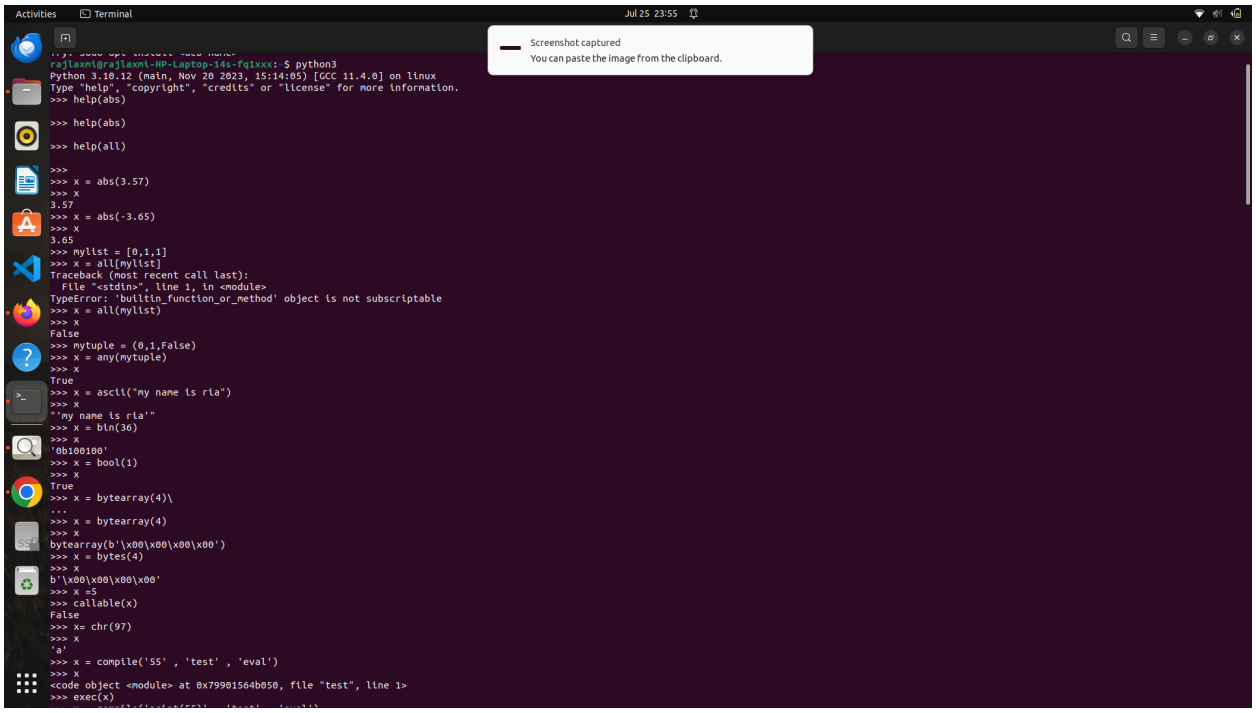
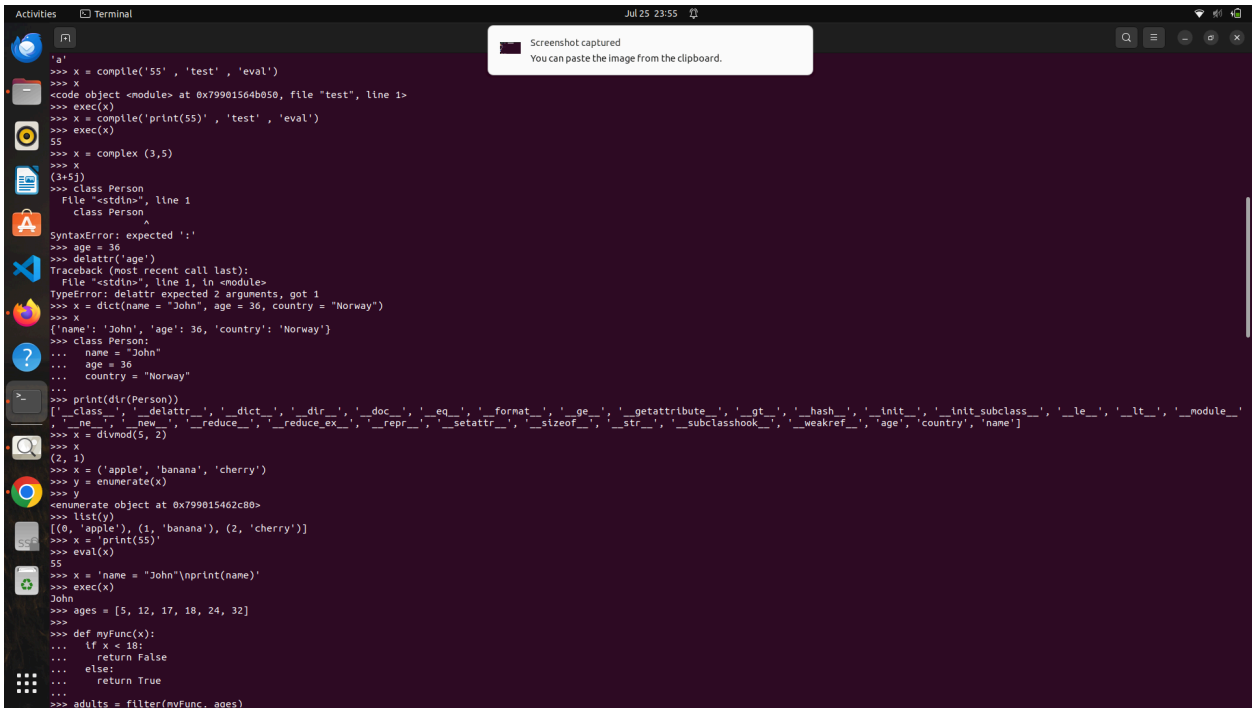
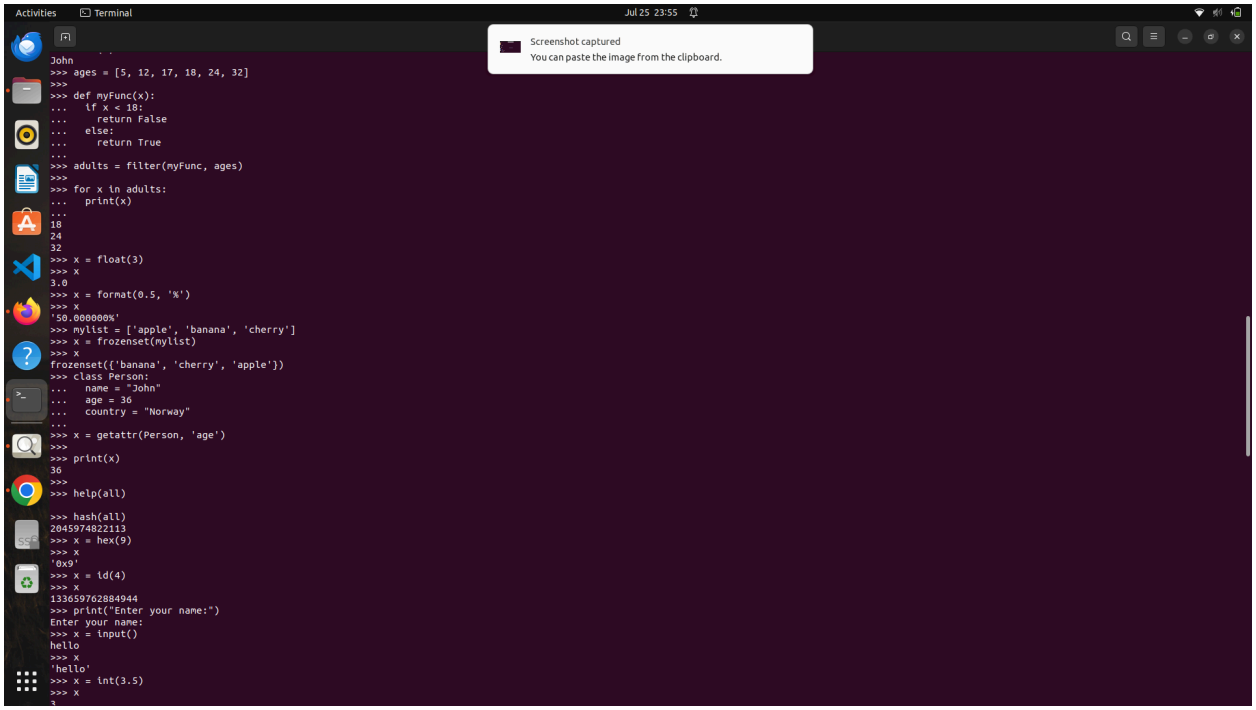
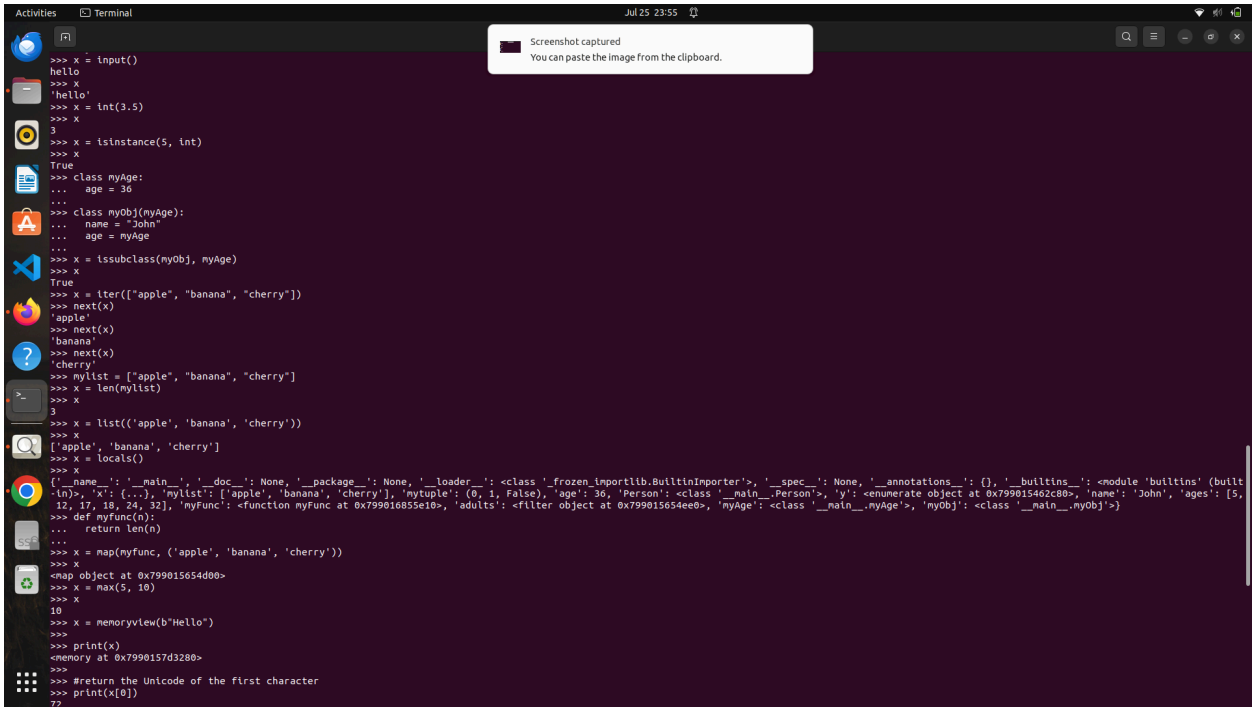
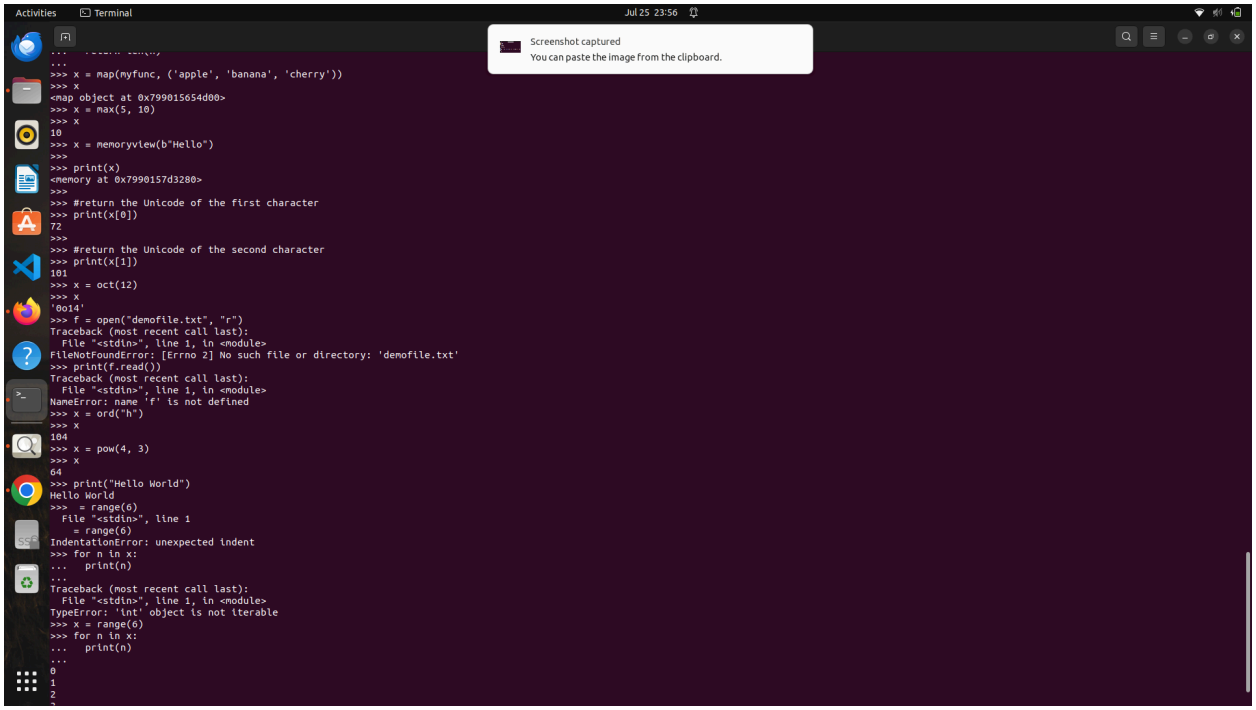
Bulit_in Functions:

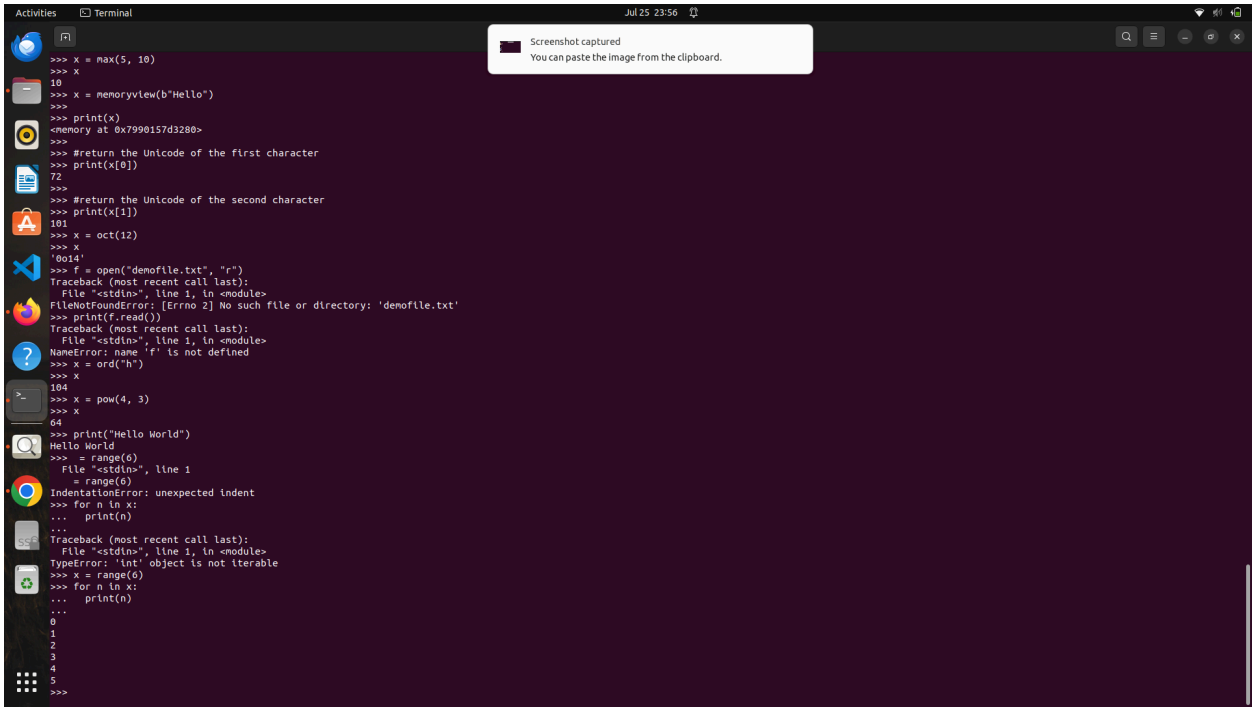





Activities
Terminal
Jul 25 23:55
Screenshot captured
You can paste the image from the clipboard.
John
>>> ages = [5, 12, 17, 18, 24, 32]
>>>
>>> def myFunc(x):
...   if x < 18:
...   return False
...   else:
...   return True
...
>>> adults = filter(myFunc, ages)
>>>
>>> for x in adults:
...   print(x)
...
18
24
32
>>> x = float(3)
>>> x
3.0
>>> x = format(0.5, '%')
>>> x
'50.000000%'
>>> mylist = ['apple', 'banana', 'cherry']
>>> x = frozenset(mylist)
>>> x
frozenset({'banana', 'cherry', 'apple'})
>>> class Person:
...   name = "John"
...   age = 36
...   country = "Norway"
...
>>> x = getattr(Person, 'age')
>>>
>>> print(x)
36
>>>
>>> help(all)
>>> hash(all)
2045974822113
>>> x = hex(9)
>>> x
'0x9'
>>> x = id(4)
>>> x
133659762884944
>>> print("Enter your name:")
Enter your name:
>>> x = input()
hello
>>> x
'hello'
>>> x = int(3.5)
>>> x


Activities
Terminal
Jul 25 23:55
Screenshot captured
You can paste the image from the clipboard.
>>> x = input()
hello
>>> x
'hello'
>>> x = int(3.5)
>>> x
3
>>> x = isinstance(5, int)
>>> x
True
>>> class myAge:
...   age = 36
...
>>> class myObj(myAge):
...   name = "John"
...   age = myAge
...
>>> x = issubclass(myObj, myAge)
>>> x
True
>>> x = iter(["apple", "banana", "cherry"])
>>> next(x)
'apple'
>>> next(x)
'banana'
>>> next(x)
'cherry'
>>> mylist = ["apple", "banana", "cherry"]
>>> x = len(mylist)
>>> x
3
>>> x = list(('apple', 'banana', 'cherry'))
>>> x
['apple', 'banana', 'cherry']
>>> x = locals()
>>> x
{'__name__': '__main__', '__doc__': None, '__package__': None, '__loader__': <class '_frozen_importlib.BuiltinImporter'>, '__spec__': None, '__annotations__': {}, '__builtins__': <module 'builtins' (built-in)>, 'x': {...}, 'mylist': ['apple', 'banana', 'cherry'], 'mytuple': (0, 1, False), 'age': 36, 'Person': <class '__main__.Person'>, 'y': <enumerate object at 0x799015462c80>, 'name': 'John', 'ages': [5, 12, 17, 18, 24, 32], 'myFunc': <function myFunc at 0x799016855e10>, 'adults': <filter object at 0x799015654ee0>, 'myAge': <class '__main__.myAge'>, 'myObj': <class '__main__.myObj'>}
>>> def myfunc(n):
...   return len(n)
...
>>> x = map(myfunc, ('apple', 'banana', 'cherry'))
>>> x
<map object at 0x799015654d00>
>>> x = max(5, 10)
>>> x
10
>>> x = memoryview(b"Hello")
>>>
>>> print(x)
<memory at 0x7990157d3280>
>>>
>>> #return the Unicode of the first character
>>> print(x[0])
72


Activities
Terminal
Jul 25 23:56
Screenshot captured
You can paste the image from the clipboard.
...
>>> x = map(myfunc, ('apple', 'banana', 'cherry'))
>>> x
<map object at 0x799015654d00>
>>> x = max(5, 10)
>>> x
10
>>> x = memoryview(b"Hello")
>>>
>>> print(x)
<memory at 0x7990157d3280>
>>>
>>> #return the Unicode of the first character
>>> print(x[0])
72
>>>
>>> #return the Unicode of the second character
>>> print(x[1])
101
>>> x = oct(12)
>>> x
'0o14'
>>> f = open("demofile.txt", "r")
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
FileNotFoundError: [Errno 2] No such file or directory: 'demofile.txt'
>>> print(f.read())
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
NameError: name 'f' is not defined
>>> x = ord("h")
>>> x
104
>>> x = pow(4, 3)
>>> x
64
>>> print("Hello World")
Hello World
>>> = range(6)
File "<stdin>", line 1
= range(6)
IndentationError: unexpected indent
>>> for n in x:
... print(n)
...
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
TypeError: 'int' object is not iterable
>>> x = range(6)
>>> for n in x:
... print(n)
...
0
1
2


Activities
Terminal
Jul 25 23:56
Screenshot captured
You can paste the image from the clipboard.
>>> x = max(5, 10)
>>> x
10
>>> x = memoryview(b"Hello")
>>>
>>> print(x)
<memory at 0x7990157d3280>
>>>
>>> #return the Unicode of the first character
>>> print(x[0])
72
>>>
>>> #return the Unicode of the second character
>>> print(x[1])
101
>>> x = oct(12)
>>> x
'0o14'
>>> f = open("demofile.txt", "r")
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
FileNotFoundError: [Errno 2] No such file or directory: 'demofile.txt'
>>> print(f.read())
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
NameError: name 'f' is not defined
>>> x = ord("h")
>>> x
104
>>> x = pow(4, 3)
>>> x
64
>>> print("Hello World")
Hello World
>>> = range(6)
File "<stdin>", line 1
= range(6)
IndentationError: unexpected indent
>>> for n in x:
... print(n)
...
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
TypeError: 'int' object is not iterable
>>> x = range(6)
>>> for n in x:
... print(n)
...
0
1
2
3
4
5
>>>