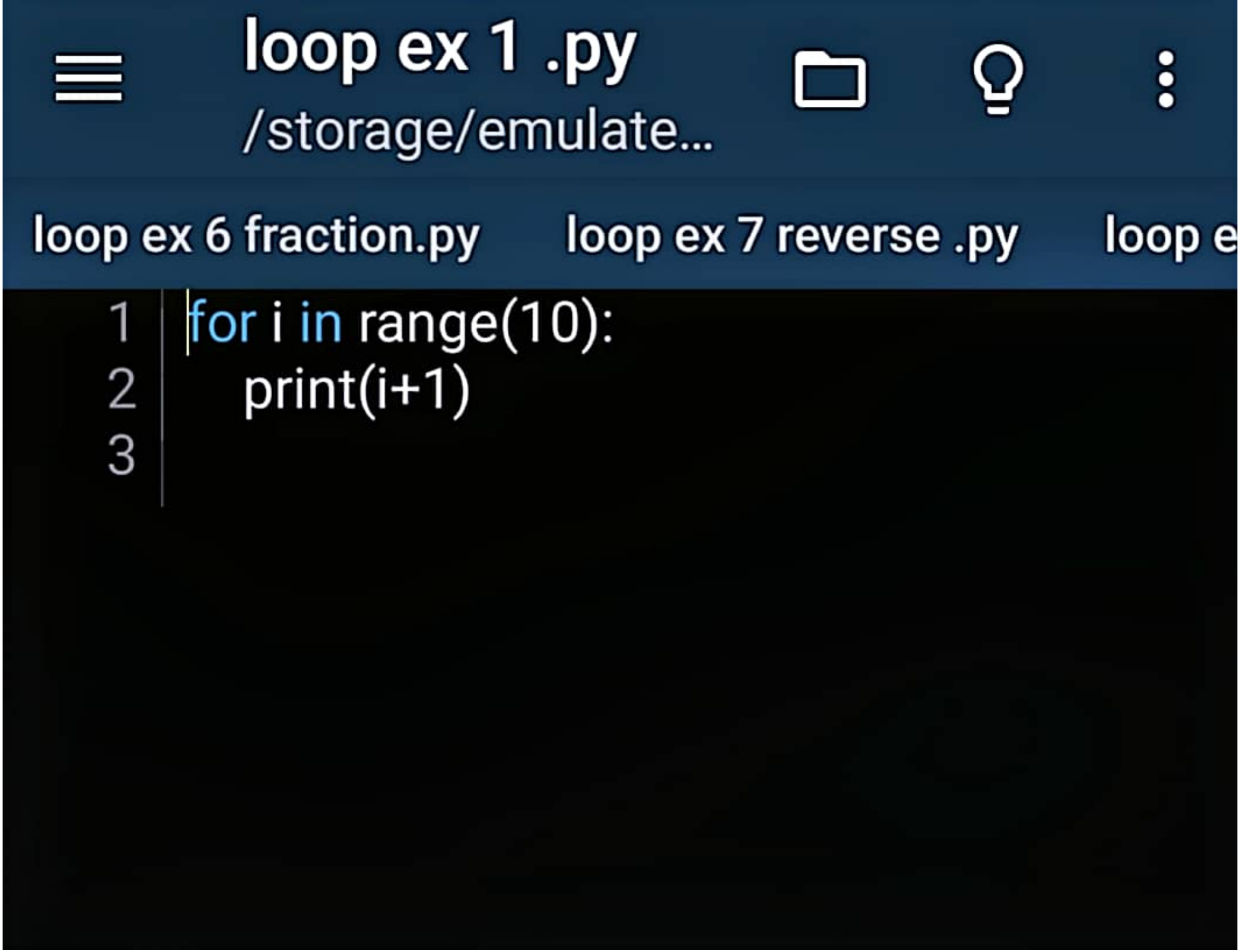
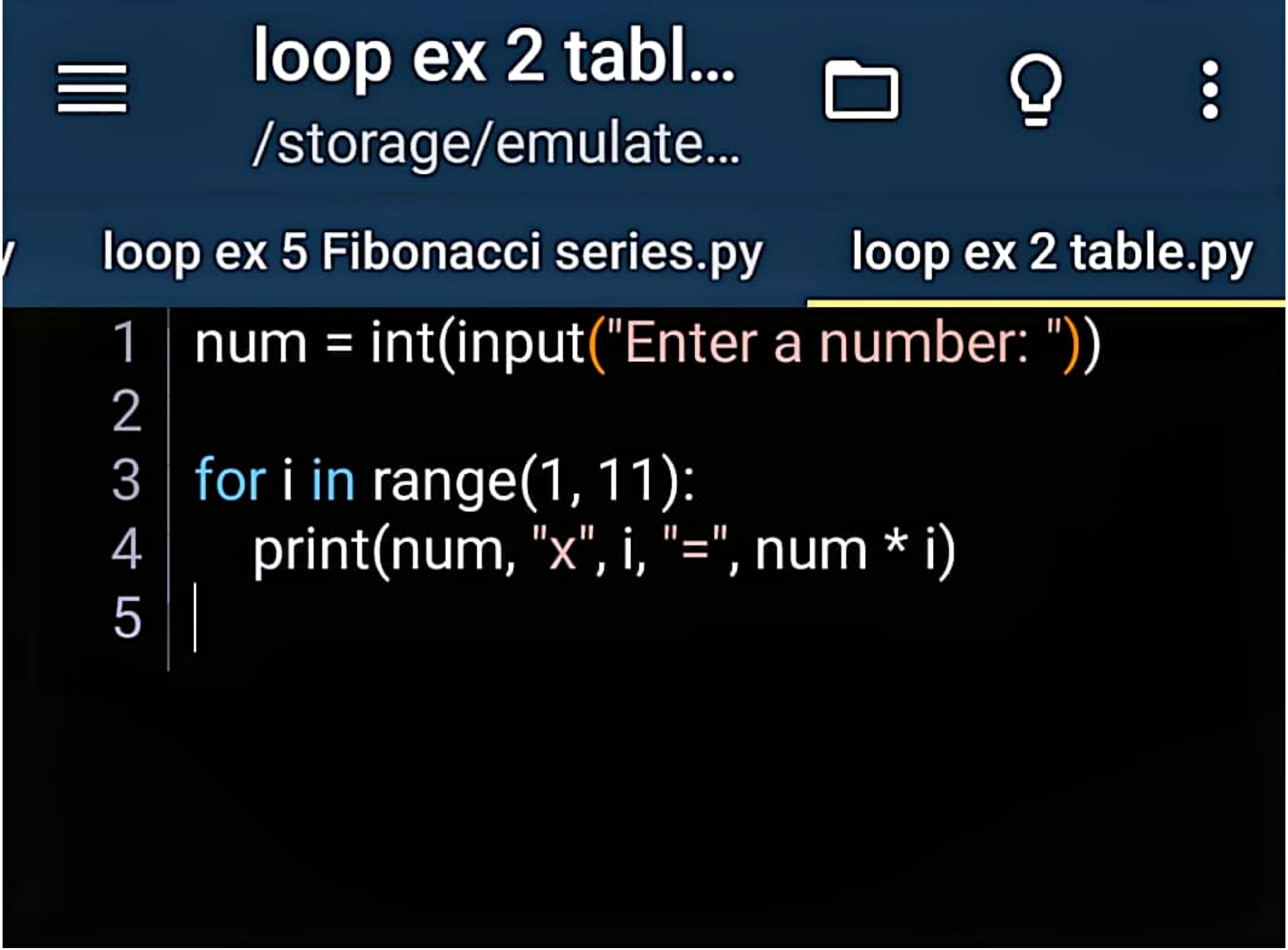
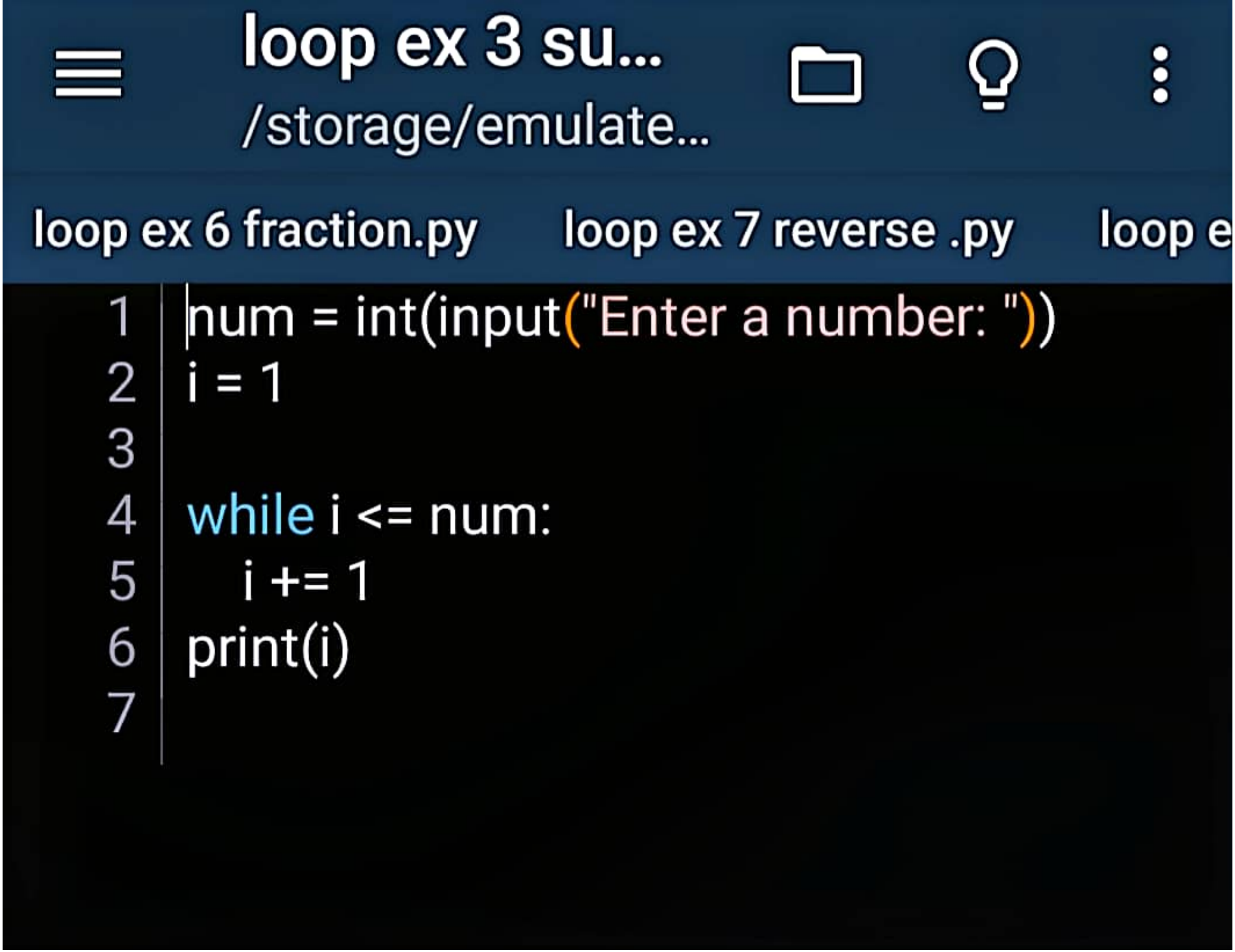
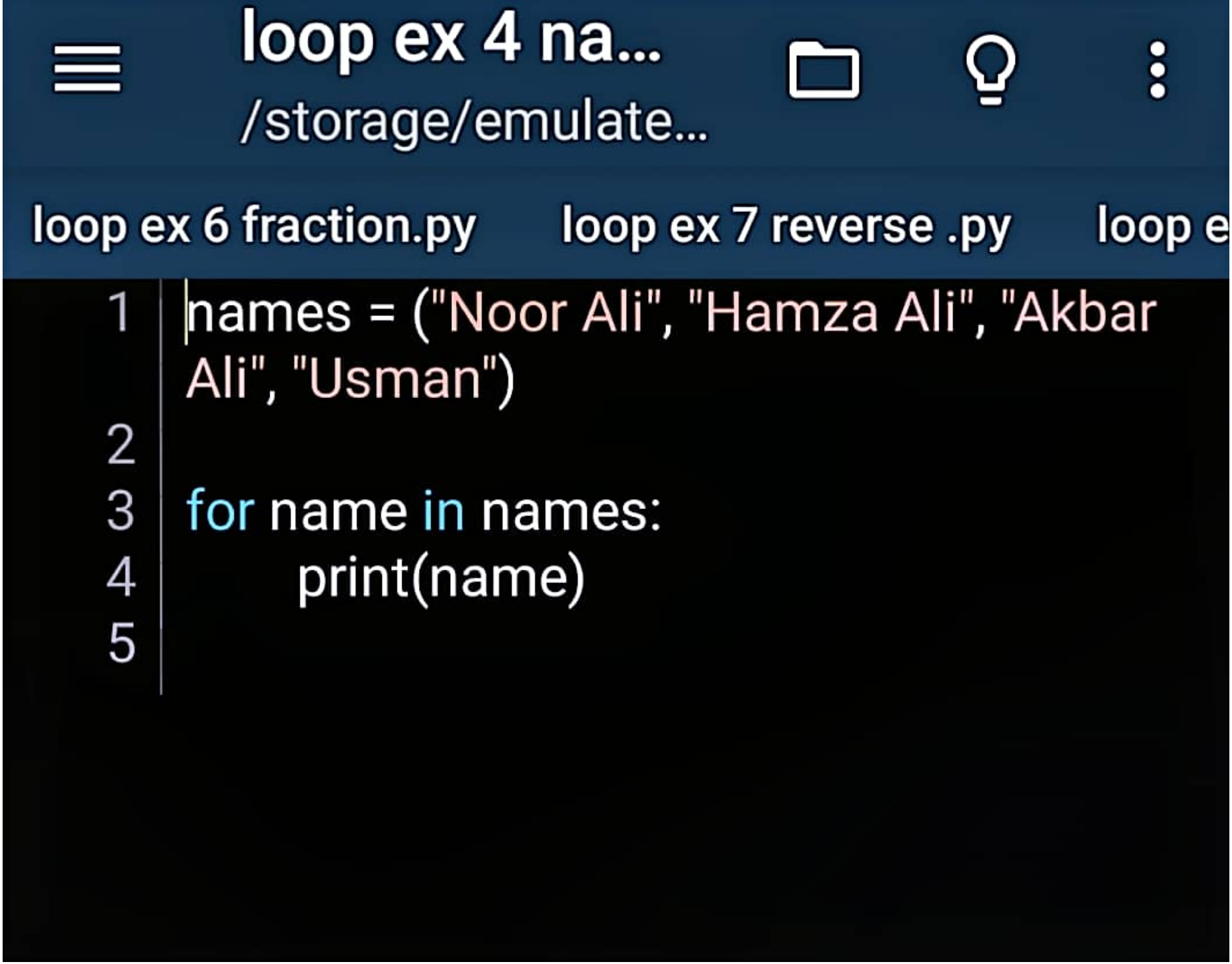
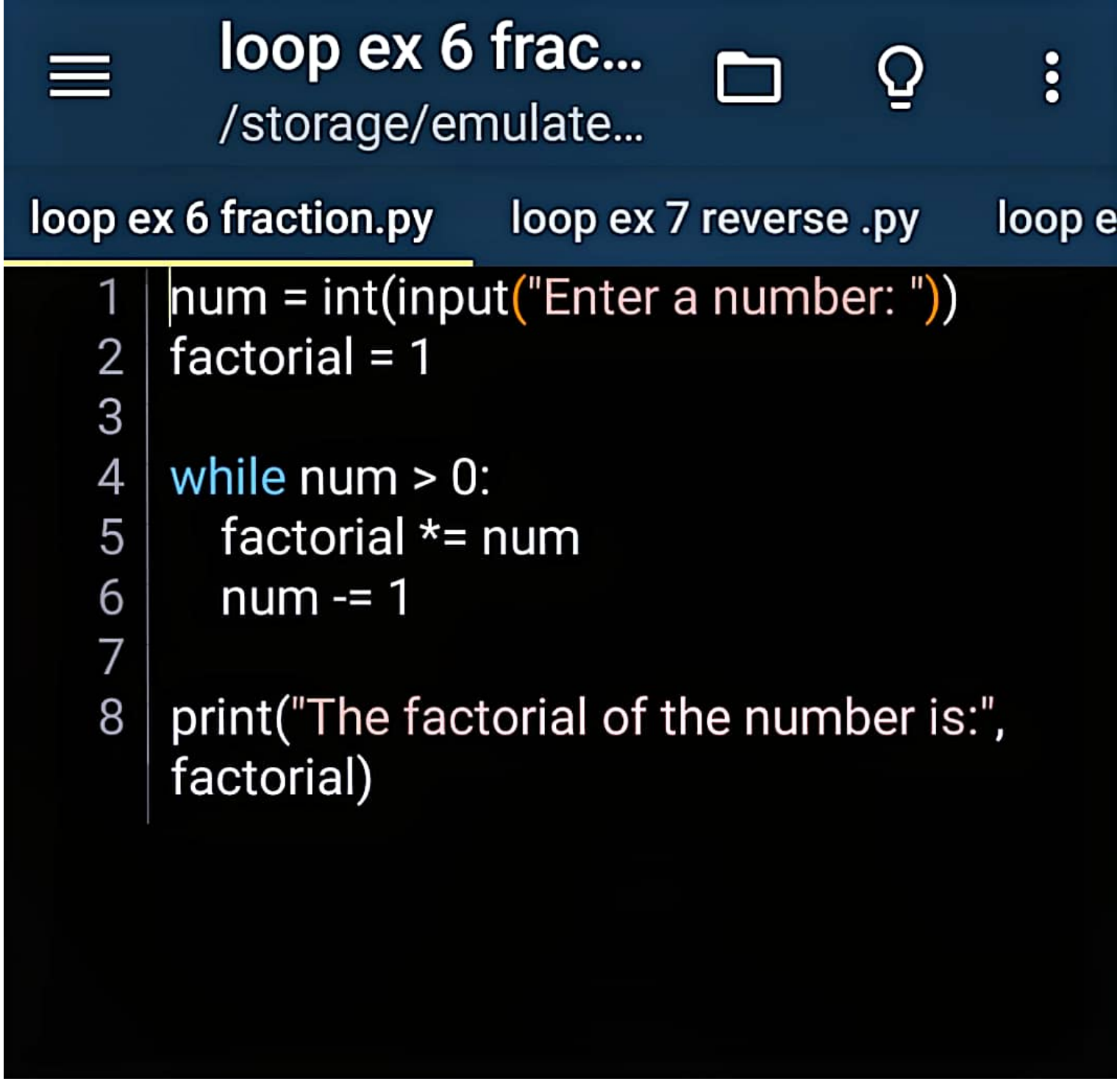

loop ex 1 .py
/storage/emulate...
loop ex 6 fraction.py
loop ex 7 reverse .py
loop e
1 for i in range(10):
2 print(i+1)
3

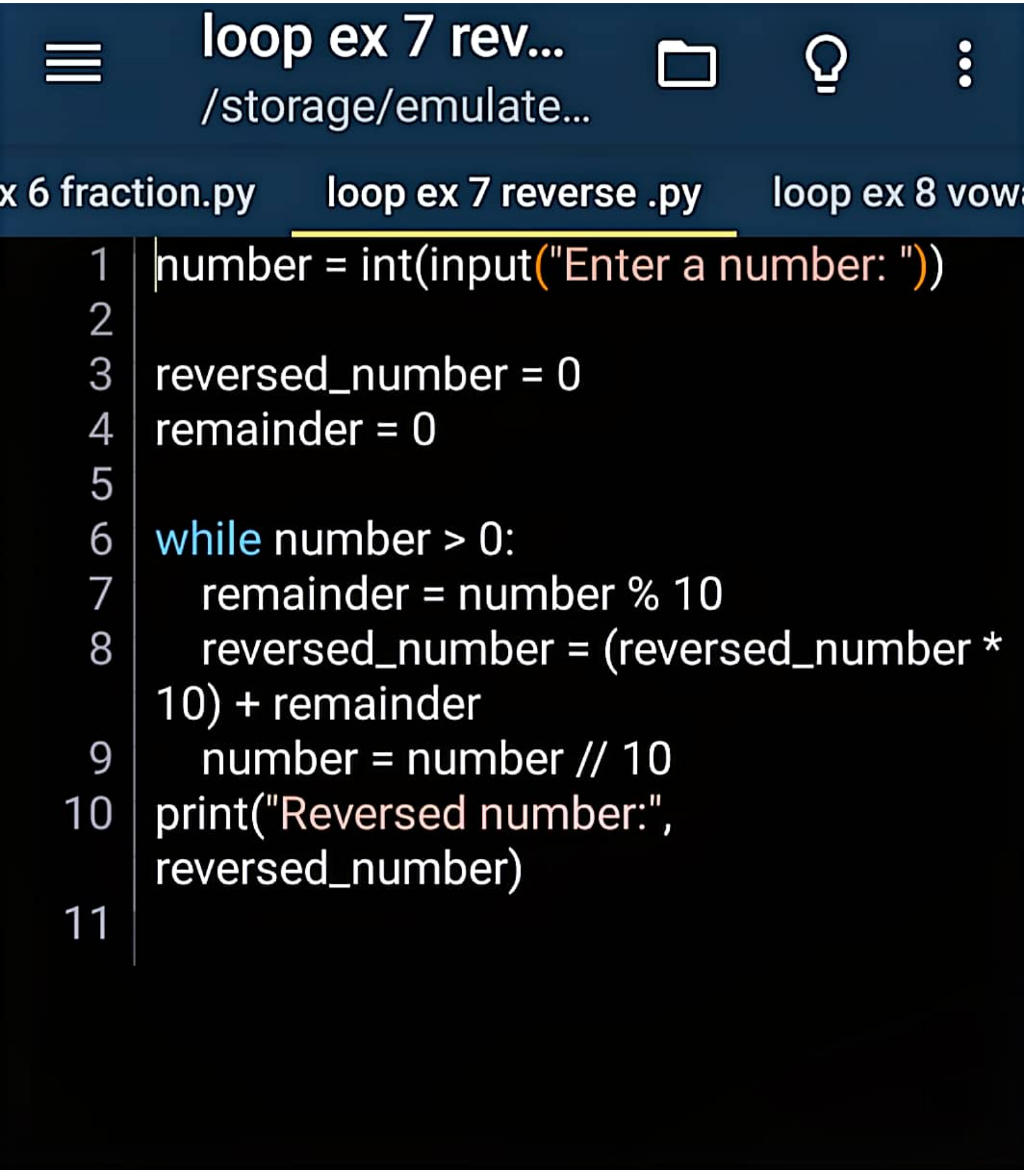

loop ex 2 tabl...
/storage/emulate...
loop ex 5 Fibonacci series.py
loop ex 2 table.py
num = int(input("Enter a number: "))
for i in range(1, 11):
print(num, "x", i, "=", num * i)

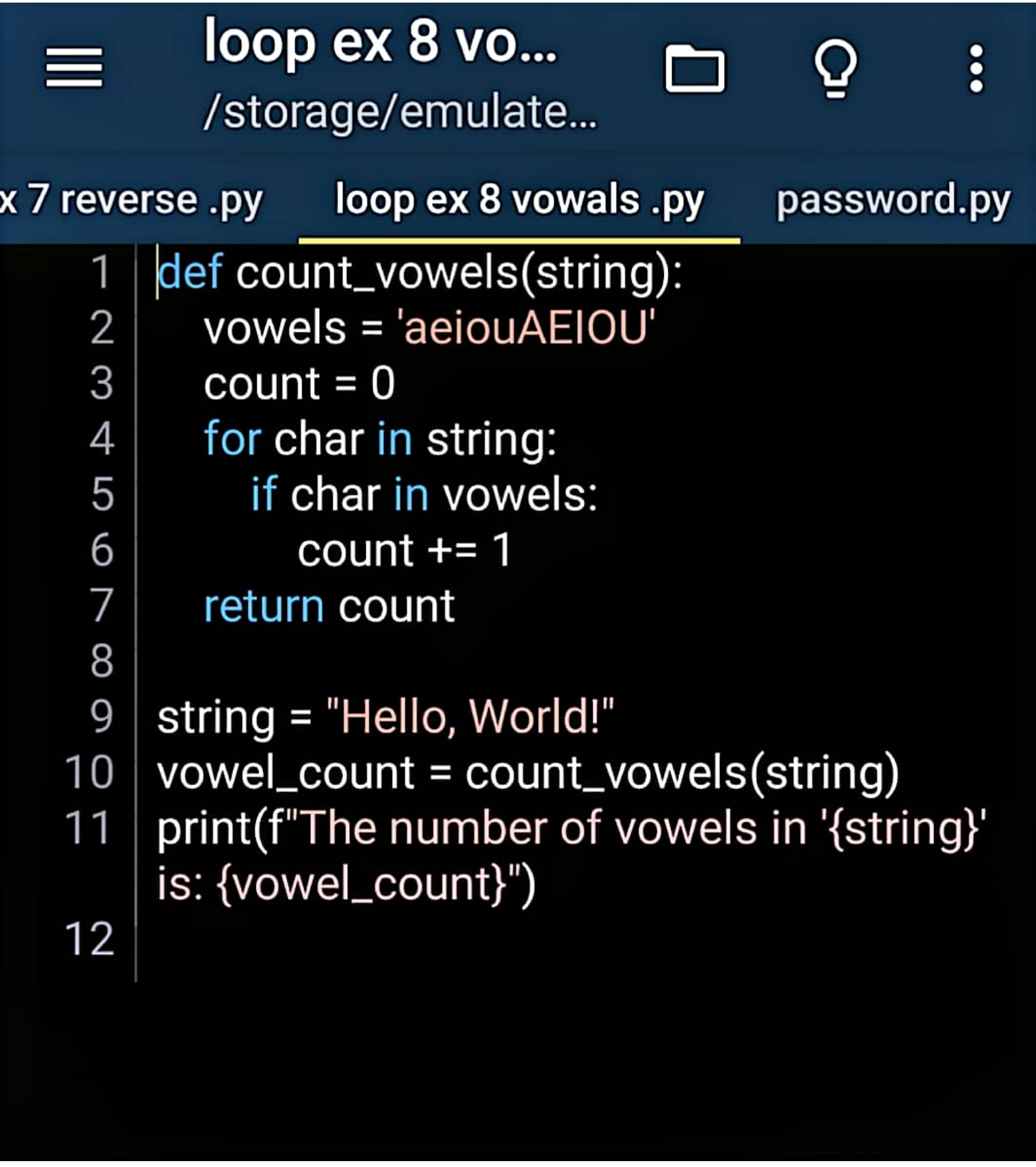

loop ex 3 su...
/storage/emulate...
loop ex 6 fraction.py
loop ex 7 reverse .py
loop e
1 num = int(input("Enter a number: "))
2 i = 1
3
4 while i <= num:
5 i += 1
6 print(i)
7


loop ex 4 na...
/storage/emulate...
loop ex 6 fraction.py
loop ex 7 reverse .py
loop e
1 names = ("Noor Ali", "Hamza Ali", "Akbar Ali", "Usman")
2
3 for name in names:
4 print(name)
5

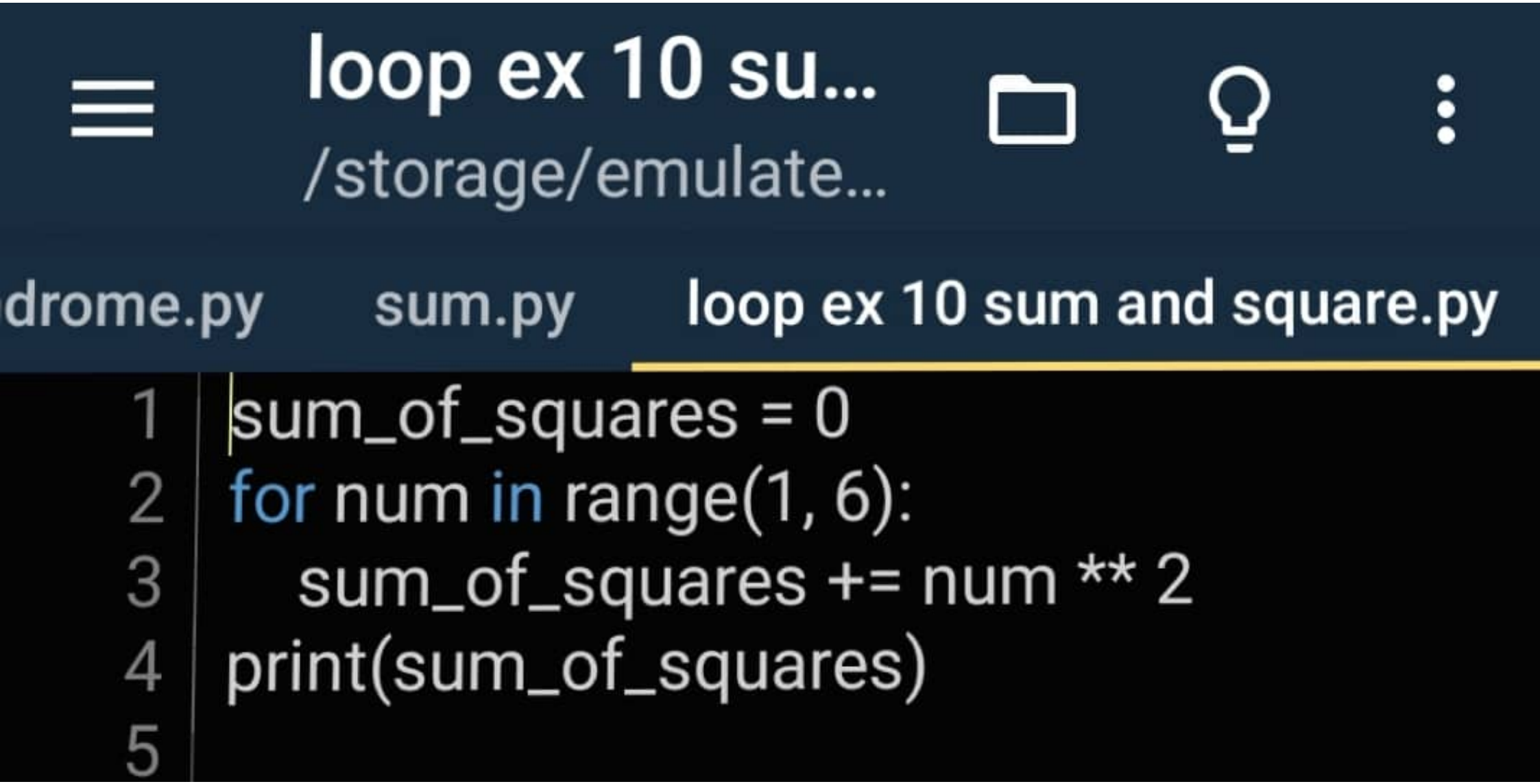
```
1  num_terms = int(input("Enter the number
   of terms: "))
2
3  first_term = 0
4  second_term = 1
5
6  print(first_term)
7  print(second_term)
8
9  for i in range(2, num_terms):
10     next_term = first_term + second_term
11     print(next_term)
12
13     first_term = second_term
14     second_term = next_term
```


loop ex 6 frac...
/storage/emulate...
loop ex 6 fraction.py
loop ex 7 reverse .py
loop e
num = int(input("Enter a number: "))
factorial = 1
while num > 0:
factorial *= num
num -= 1
print("The factorial of the number is:", factorial)


loop ex 7 rev...
/storage/emulate...
x 6 fraction.py
loop ex 7 reverse .py
loop ex 8 vow
1 number = int(input("Enter a number: "))
2
3 reversed_number = 0
4 remainder = 0
5
6 while number > 0:
7 remainder = number % 10
8 reversed_number = (reversed_number * 10) + remainder
9 number = number // 10
10 print("Reversed number:", reversed_number)
11


loop ex 8 vo...
/storage/emulate...
x 7 reverse .py
loop ex 8 vowals .py
password.py
1 def count_vowels(string):
2 vowels = 'aeiouAEIOU'
3 count = 0
4 for char in string:
5 if char in vowels:
6 count += 1
7 return count
8
9 string = "Hello, World!"
10 vowel_count = count_vowels(string)
11 print(f"The number of vowels in '{string}'
is: {vowel_count}")
12

```
1  def is_palindrome(number):
2      temp = number
3      reverse = 0
4
5      while temp > 0:
6          digit = temp % 10
7          reverse = reverse * 10 + digit
8          temp = temp // 10
9
10     if number == reverse:
11         return True
12     else:
13         return False
14
15 # User input
16 num = int(input("Enter a number: "))
17
18 if is_palindrome(num):
19     print(f"{num} is a palindrome")
20 else:
21     print(f"{num} is not a palindrome")
22
```


loop ex 10 su...
/storage/emulate...
drome.py
sum.py
loop ex 10 sum and square.py
1 sum_of_squares = 0
2 for num in range(1, 6):
3 sum_of_squares += num ** 2
4 print(sum_of_squares)
5