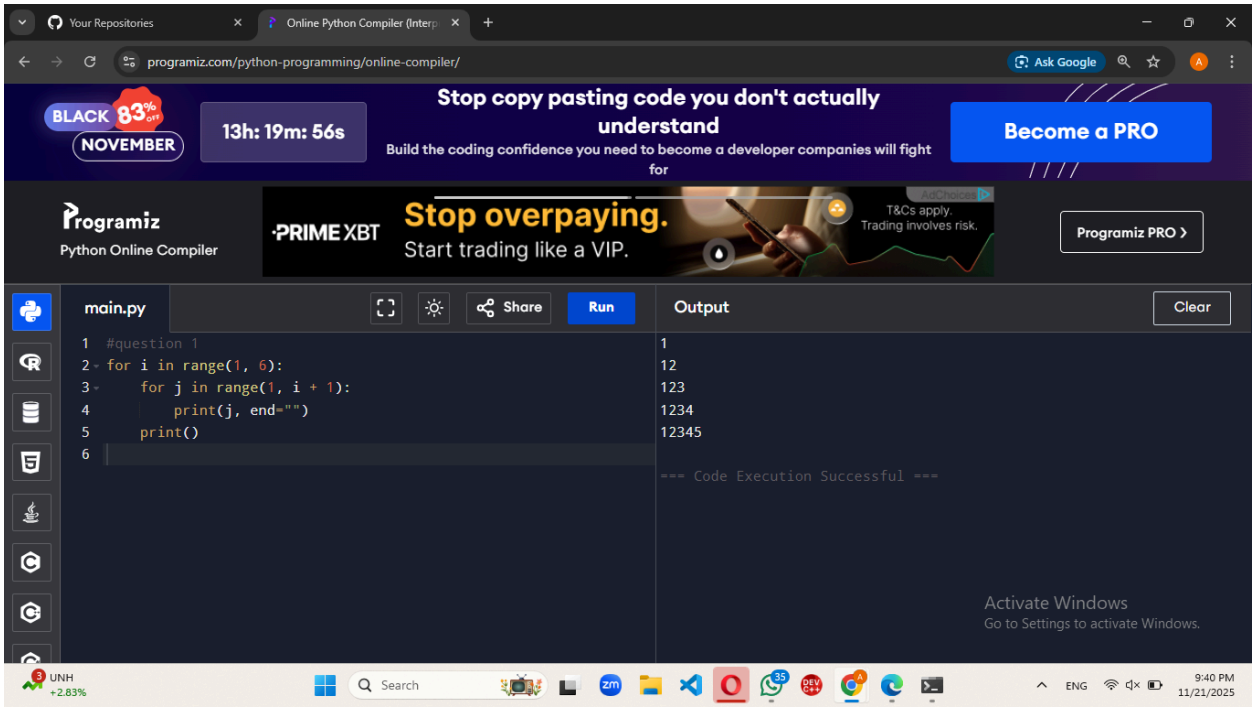
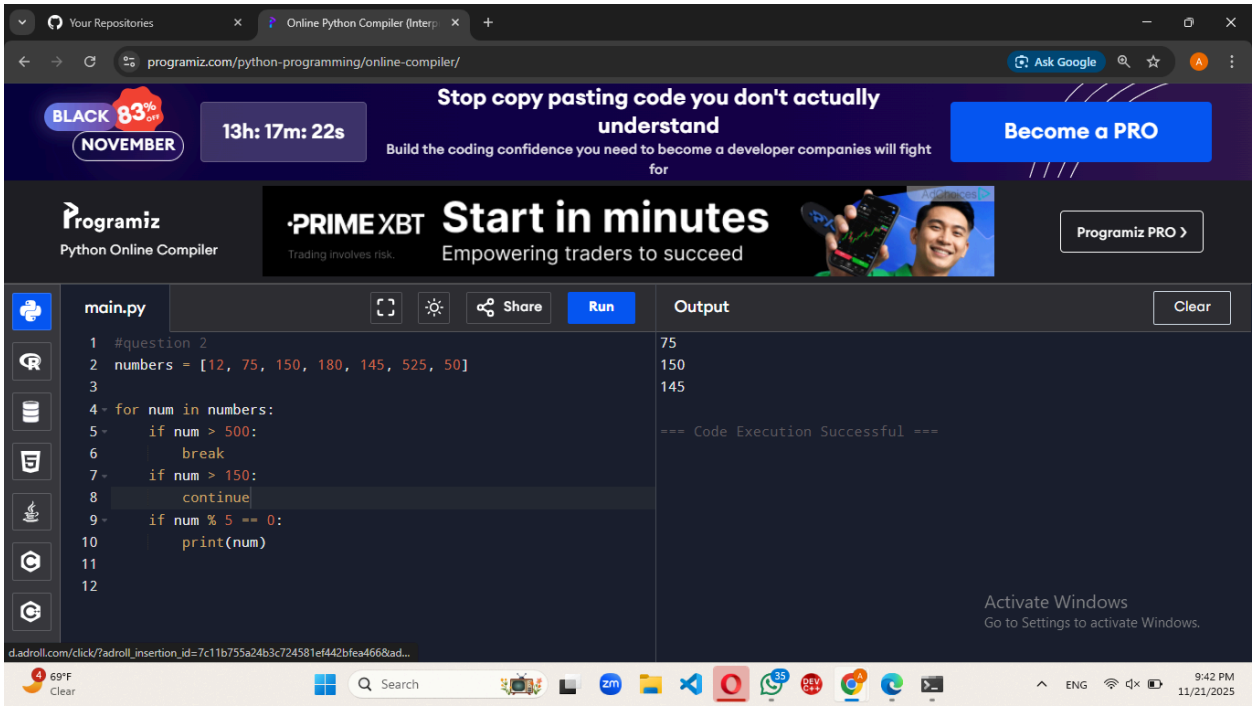
EF-101 ASSIGNMENT #12

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#question 2
numbers = [12, 75, 150, 180, 145, 525, 50]
for num in numbers:
if num > 500:
break
if num > 150:
continue
if num % 5 == 0:
print(num)
75
150
145
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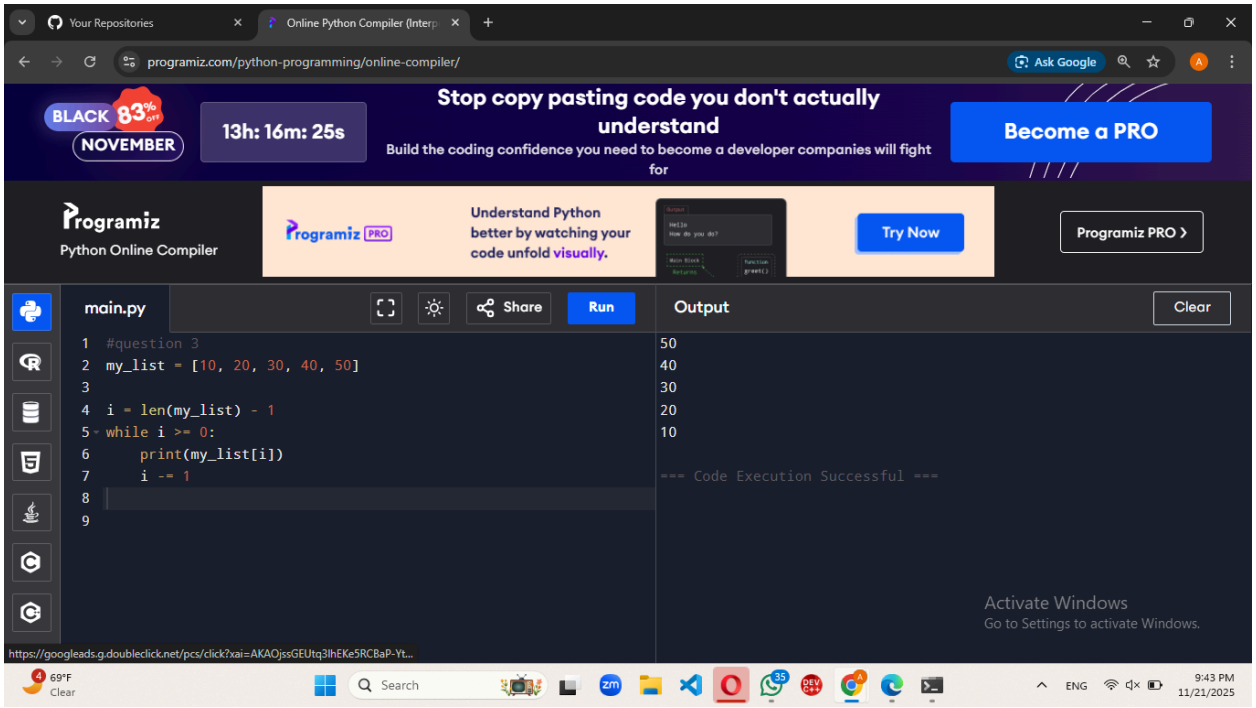
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#question 3
my_list = [10, 20, 30, 40, 50]
i = len(my_list) - 1
while i >= 0:
print(my_list[i])
i -= 1
50
40
30
20
10
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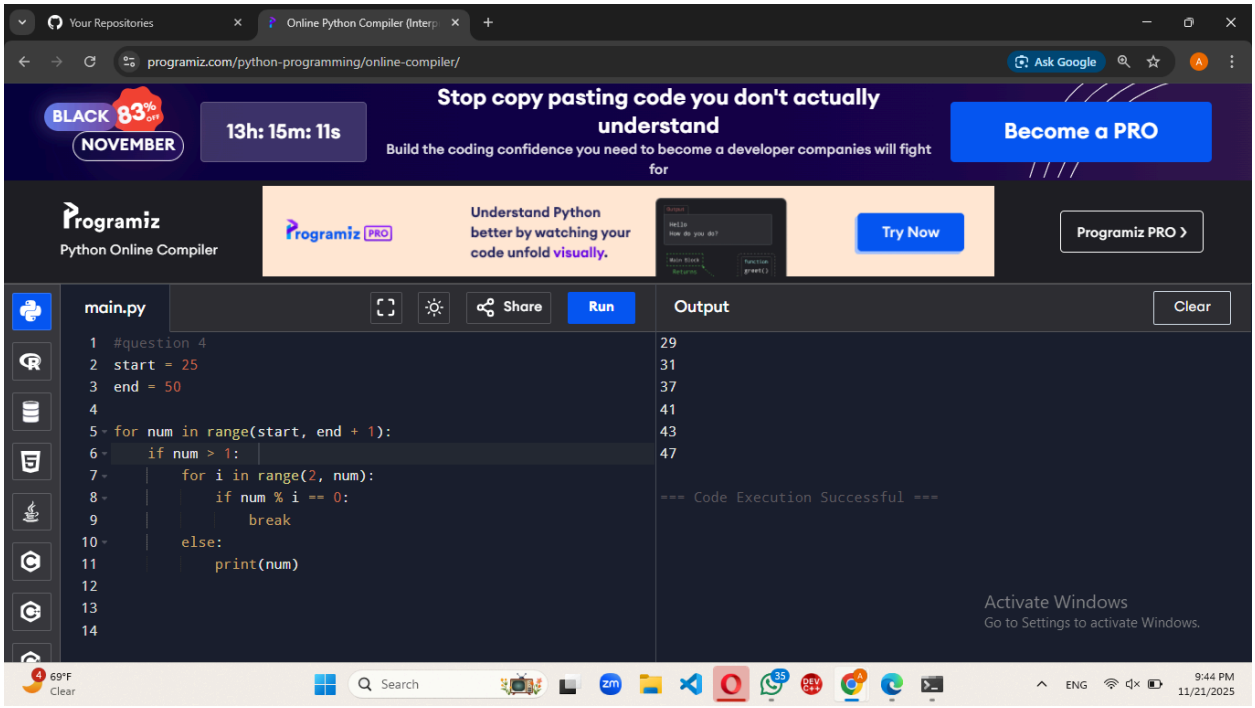
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#question 4
start = 25
end = 50
for num in range(start, end + 1):
if num > 1:
for i in range(2, num):
if num % i == 0:
break
else:
print(num)
29
31
37
41
43
47
=== Code Execution Successful ===
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ENG
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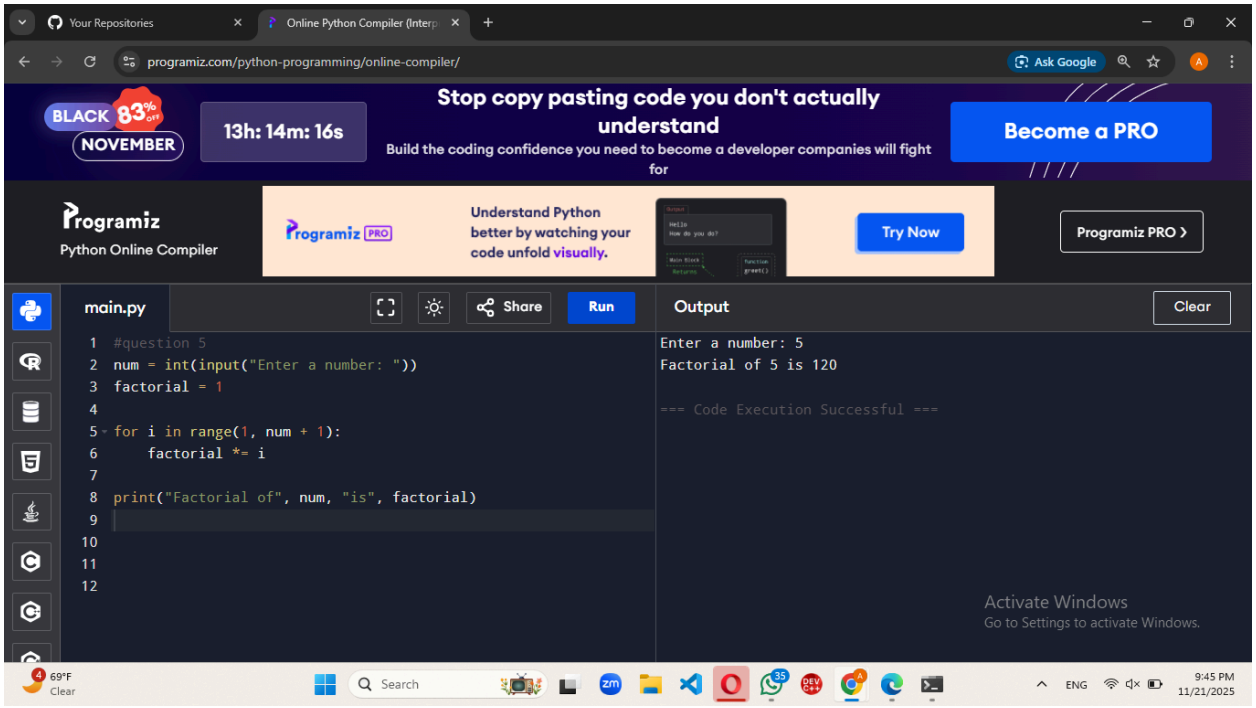
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Share
Run
Output
Clear
#question 5
num = int(input("Enter a number: "))
factorial = 1
for i in range(1, num + 1):
factorial *= i
print("Factorial of", num, "is", factorial)
Enter a number: 5
Factorial of 5 is 120
=== Code Execution Successful ===
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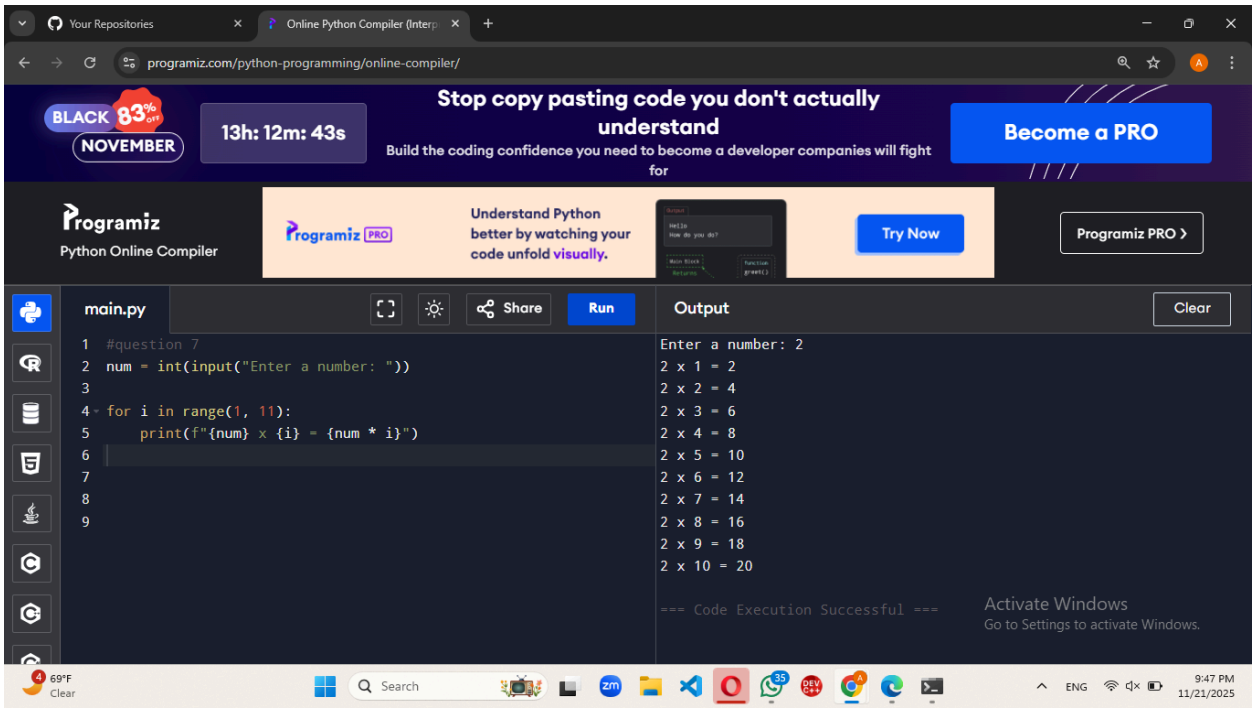
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Run
Output
Clear
#question 7
num = int(input("Enter a number: "))
for i in range(1, 11):
print(f"{num} x {i} = {num * i}")
Enter a number: 2
2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
=== Code Execution Successful ===
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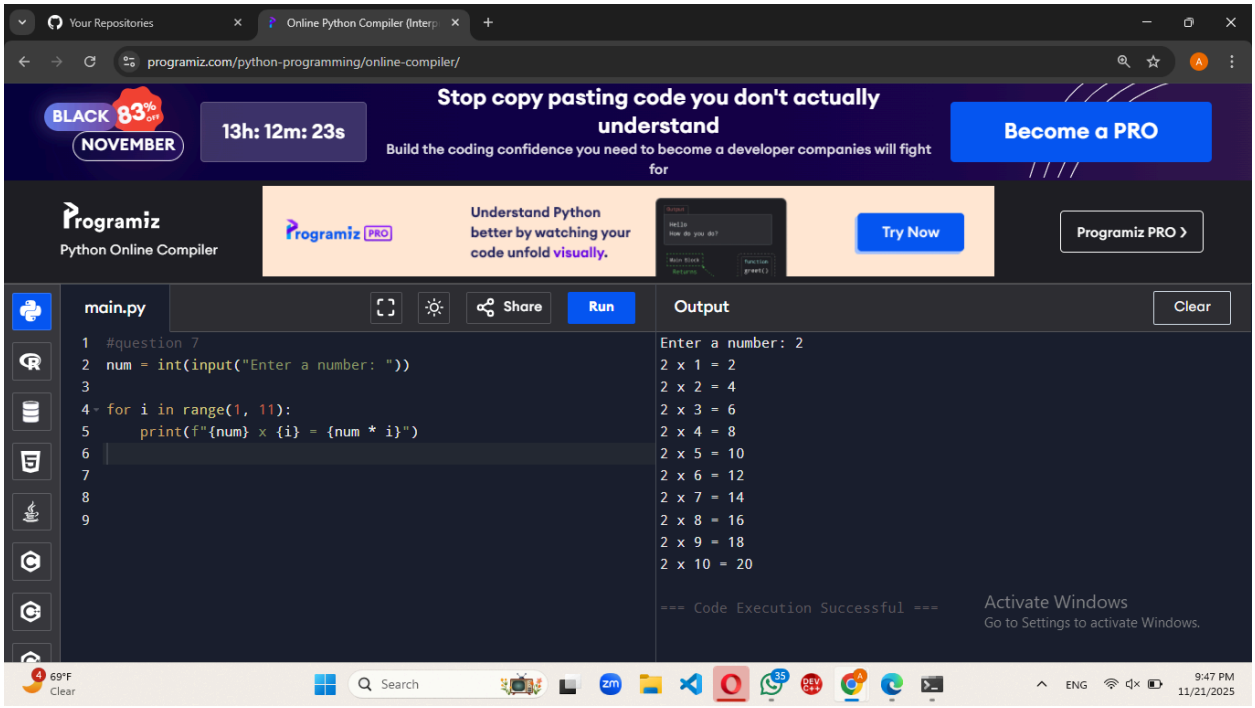
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2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
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