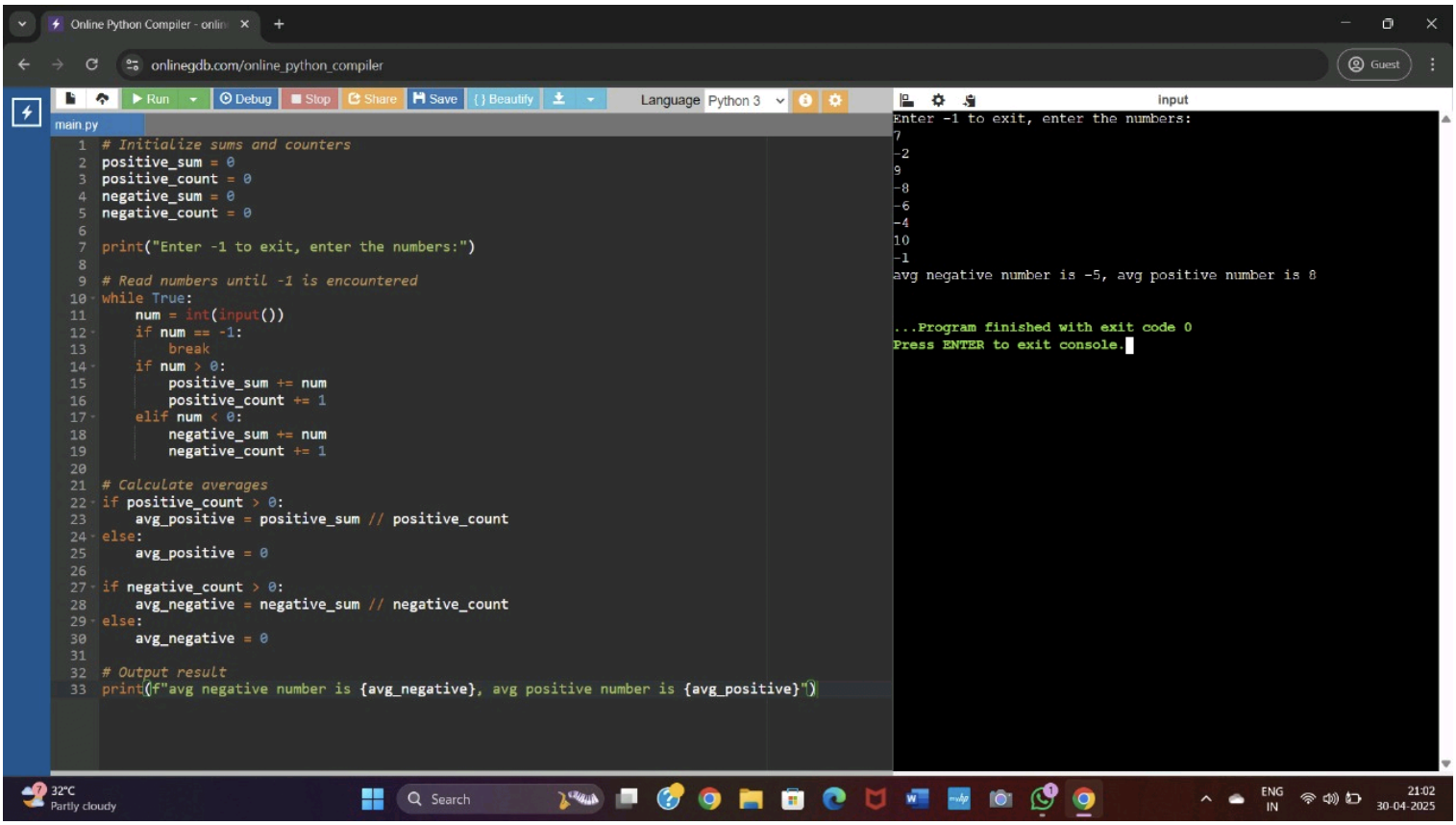
Online Python Compiler - onlin
onlinegdb.com/online_python_compiler
Guest
Run
Debug
Stop
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{ } Beautify
Language
Python 3
main.py
input
# Initialize sums and counters
positive_sum = 0
positive_count = 0
negative_sum = 0
negative_count = 0
print("Enter -1 to exit, enter the numbers:")
# Read numbers until -1 is encountered
while True:
num = int(input())
if num == -1:
break
if num > 0:
positive_sum += num
positive_count += 1
elif num < 0:
negative_sum += num
negative_count += 1
# Calculate averages
if positive_count > 0:
avg_positive = positive_sum // positive_count
else:
avg_positive = 0
if negative_count > 0:
avg_negative = negative_sum // negative_count
else:
avg_negative = 0
# Output result
print(f"avg negative number is {avg_negative}, avg positive number is {avg_positive}")
Enter -1 to exit, enter the numbers:
7
-2
9
-8
-6
-4
10
-1
avg negative number is -5, avg positive number is 8
...Program finished with exit code 0
Press ENTER to exit console.
32°C
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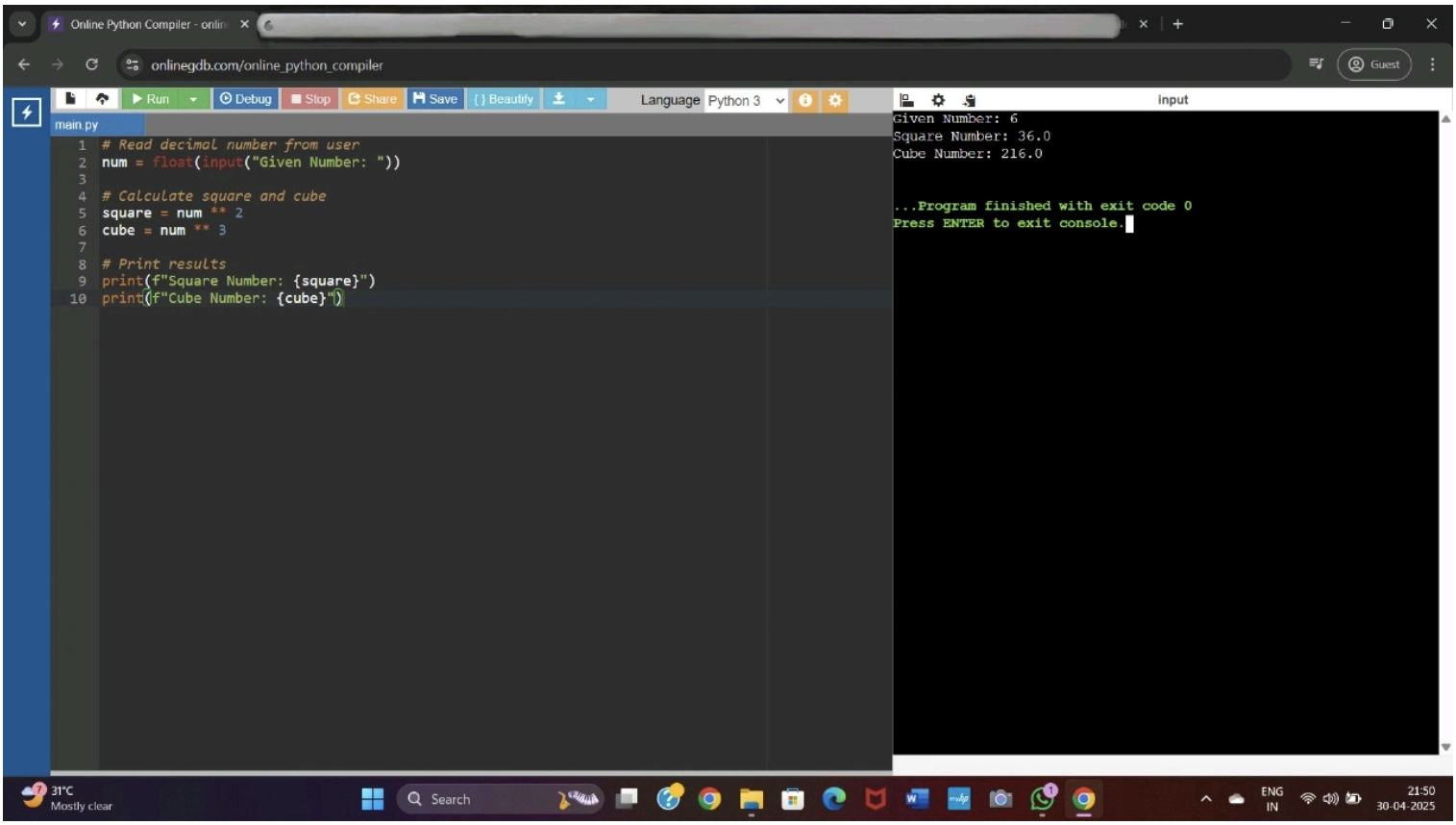
21:02
30-04-2025


Online Python Compiler - onlin
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Guest
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{ } Beautify
Language
Python 3
main.py
# Read decimal number from user
num = float(input("Given Number: "))
# Calculate square and cube
square = num ** 2
cube = num ** 3
# Print results
print(f"Square Number: {square}")
print(f"Cube Number: {cube}")
input
Given Number: 6
Square Number: 36.0
Cube Number: 216.0
...Program finished with exit code 0
Press ENTER to exit console.
31°C
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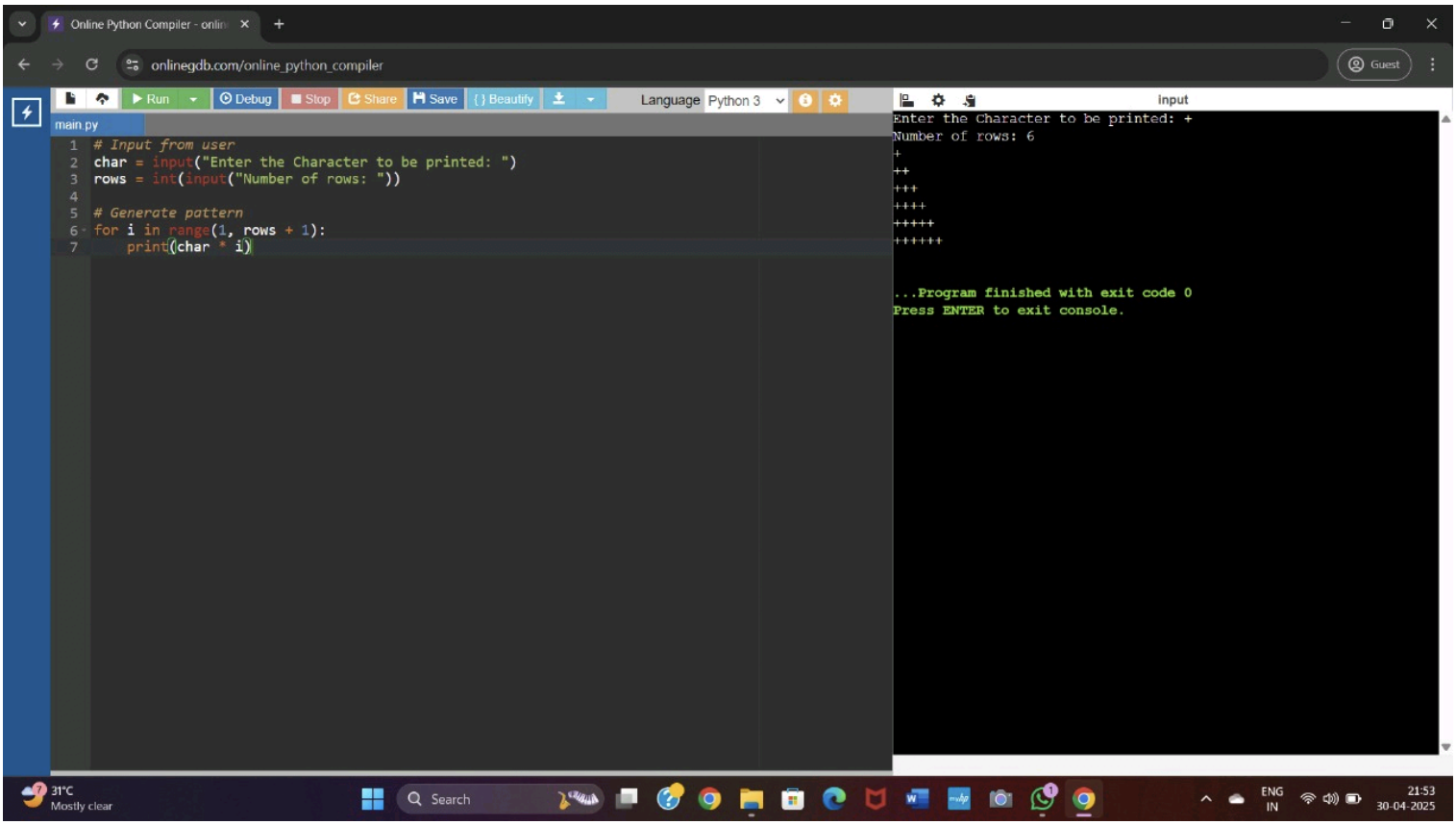
21:50
30-04-2025


Online Python Compiler - onlin
onlinegdb.com/online_python_compiler
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{ } Beautify
Language
Python 3
main.py
# Input from user
char = input("Enter the Character to be printed: ")
rows = int(input("Number of rows: "))
# Generate pattern
for i in range(1, rows + 1):
print(char * i)
input
Enter the Character to be printed: +
Number of rows: 6
+
++
+++
++++
+++++
++++++
...Program finished with exit code 0
Press ENTER to exit console.
31°C
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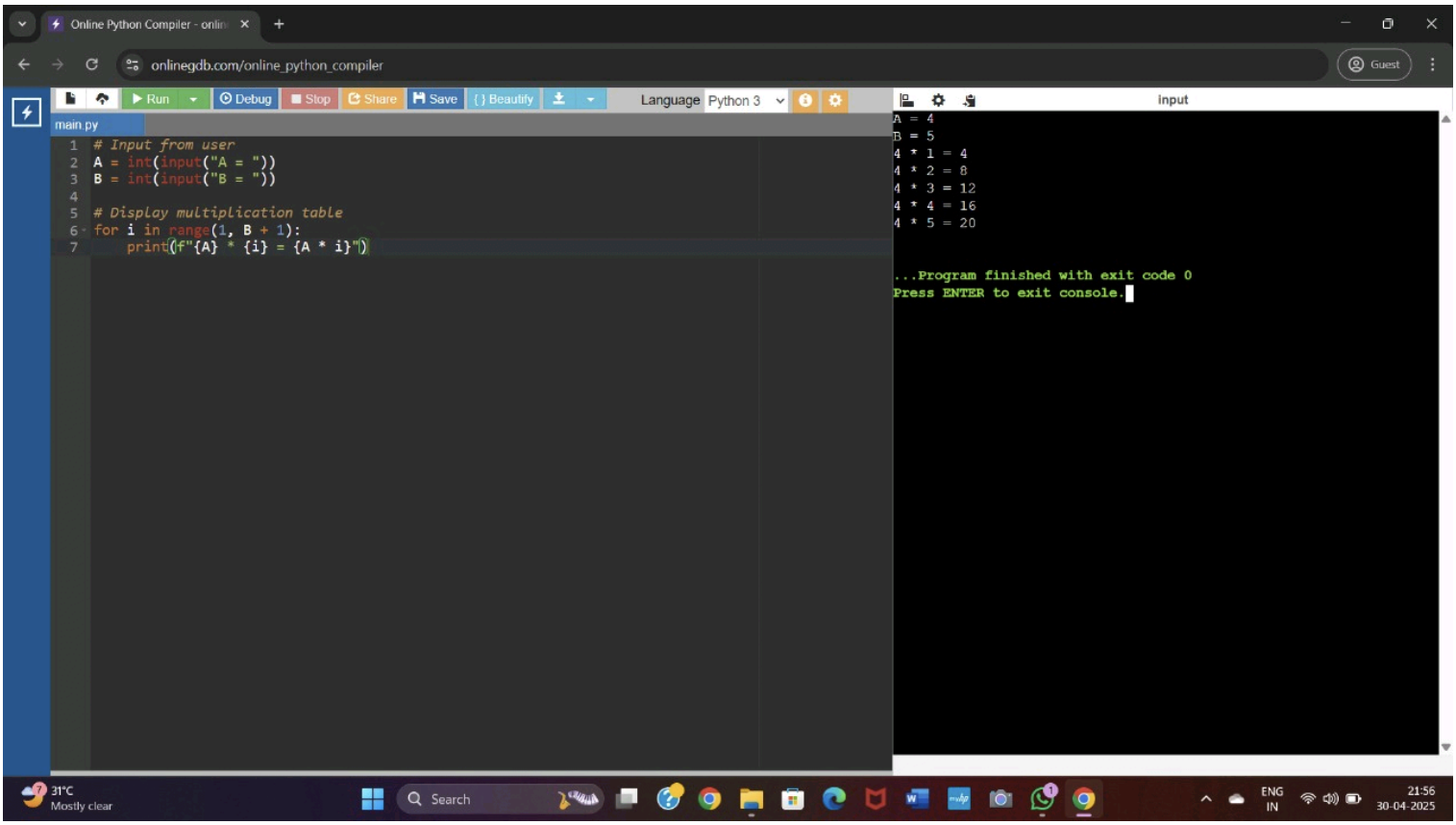
30-04-2025


Online Python Compiler - onlin
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Guest
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{ } Beautify
Language
Python 3
main.py
# Input from user
A = int(input("A = "))
B = int(input("B = "))
# Display multiplication table
for i in range(1, B + 1):
print(f"{A} * {i} = {A * i}")
input
A = 4
B = 5
4 * 1 = 4
4 * 2 = 8
4 * 3 = 12
4 * 4 = 16
4 * 5 = 20
...Program finished with exit code 0
Press ENTER to exit console.
31°C
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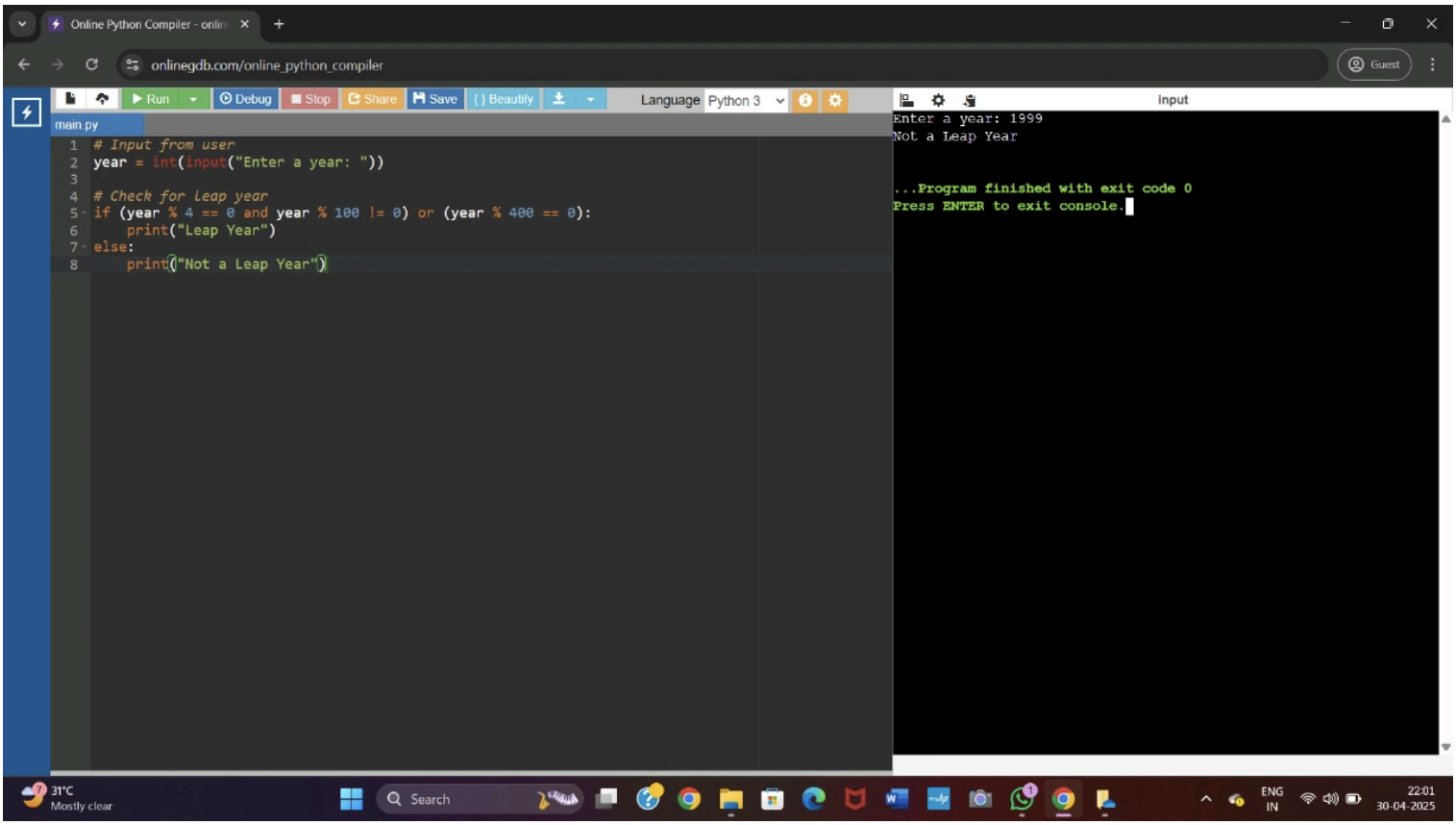
30-04-2025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{ } Beautify
Language
Python 3
main.py
# Input from user
year = int(input("Enter a year: "))
# Check for leap year
if (year % 4 == 0 and year % 100 != 0) or (year % 400 == 0):
print("Leap Year")
else:
print("Not a Leap Year")
input
Enter a year: 1999
Not a Leap Year
...Program finished with exit code 0
Press ENTER to exit console.
31°C
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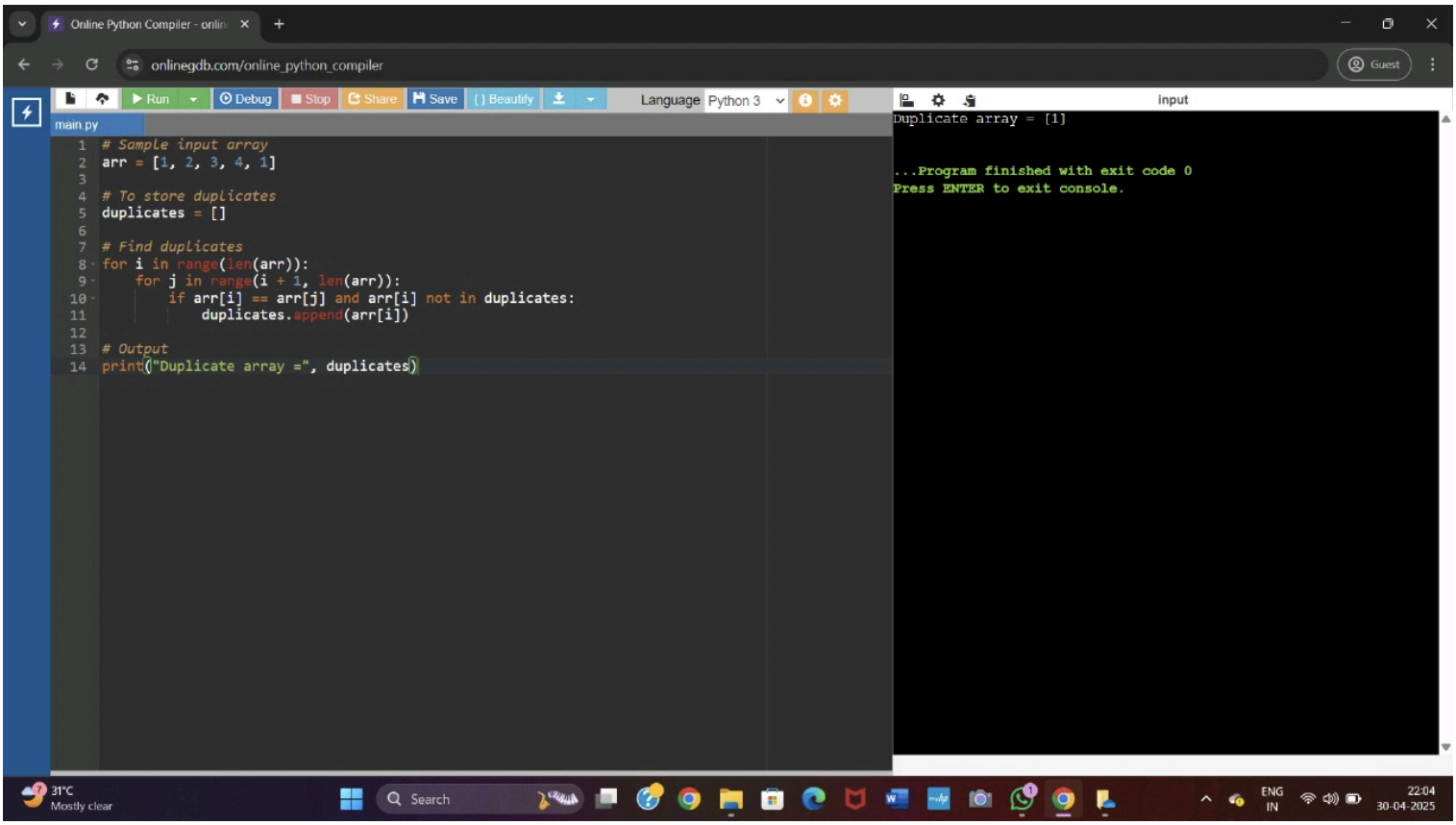
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{ } Beautify
Language
Python 3
main.py
input
# Sample input array
arr = [1, 2, 3, 4, 1]
# To store duplicates
duplicates = []
# Find duplicates
for i in range(len(arr)):
for j in range(i + 1, len(arr)):
if arr[i] == arr[j] and arr[i] not in duplicates:
duplicates.append(arr[i])
# Output
print("Duplicate array =", duplicates)
Duplicate array = [1]
...Program finished with exit code 0
Press ENTER to exit console.
31°C
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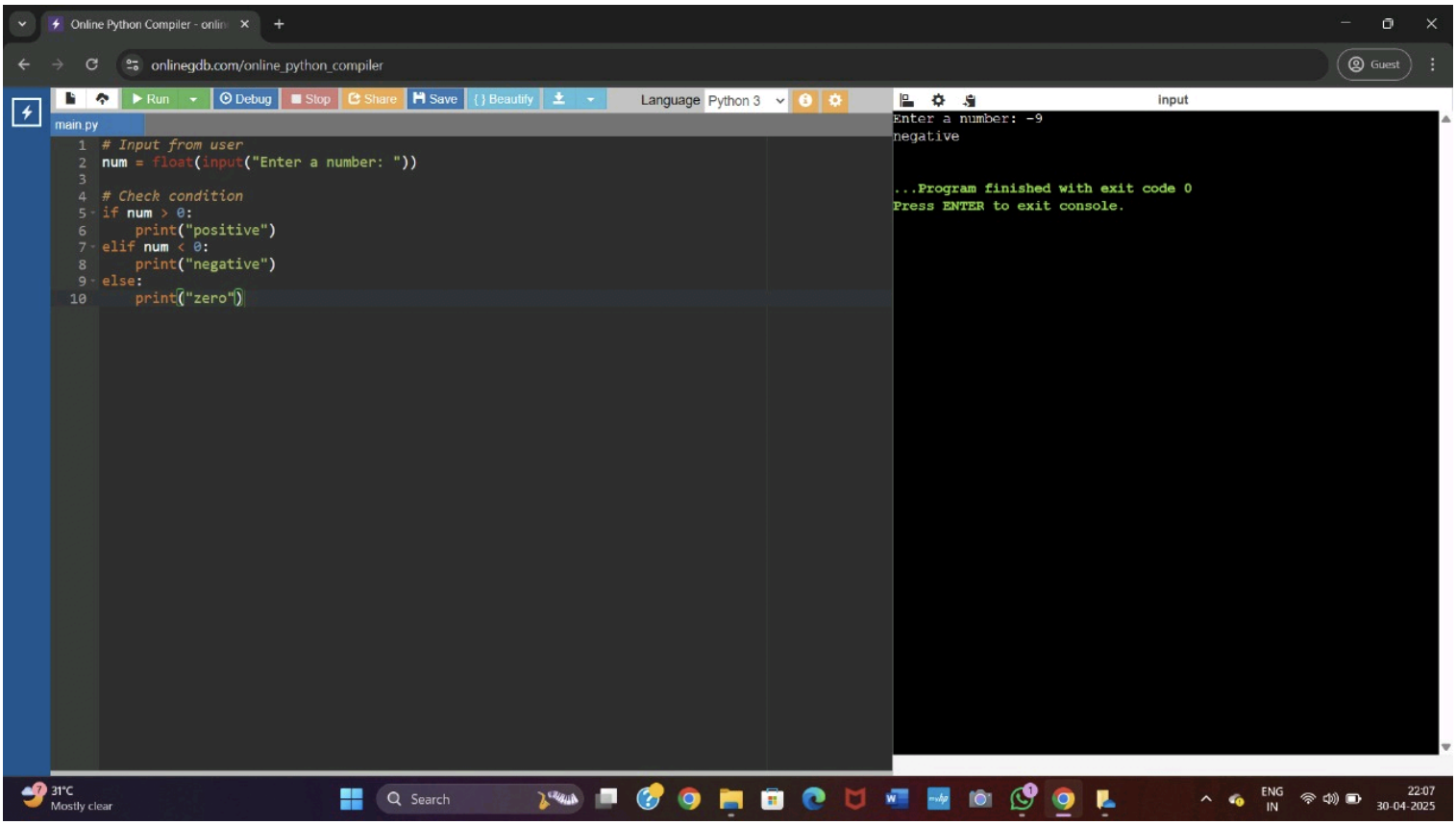
Online Python Compiler - onlin
onlinegdb.com/online_python_compiler
Guest
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{ } Beautify
Language
Python 3
main.py
# Input from user
num = float(input("Enter a number: "))
# Check condition
if num > 0:
print("positive")
elif num < 0:
print("negative")
else:
print("zero")
input
Enter a number: -9
negative
...Program finished with exit code 0
Press ENTER to exit console.
31°C
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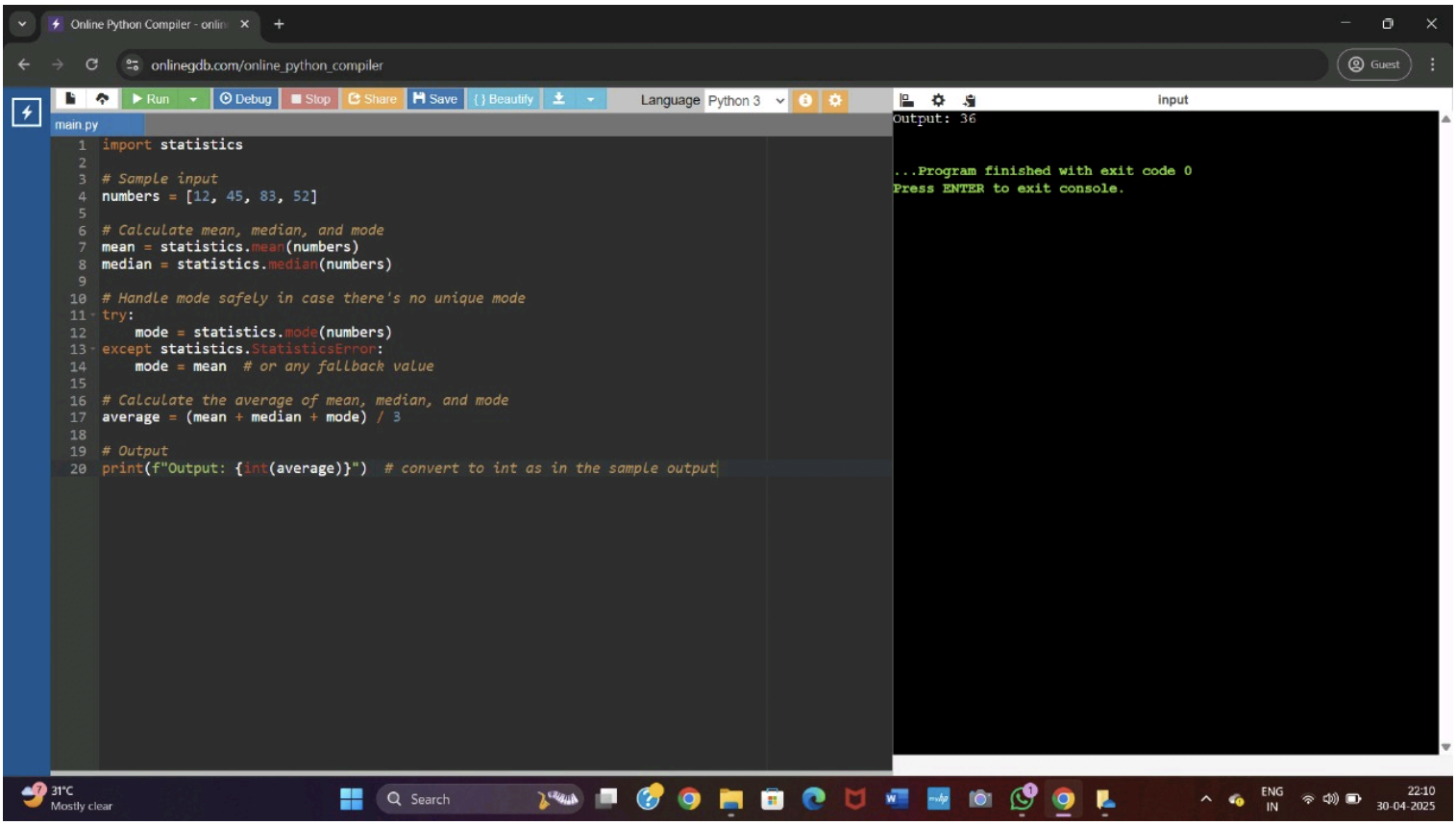
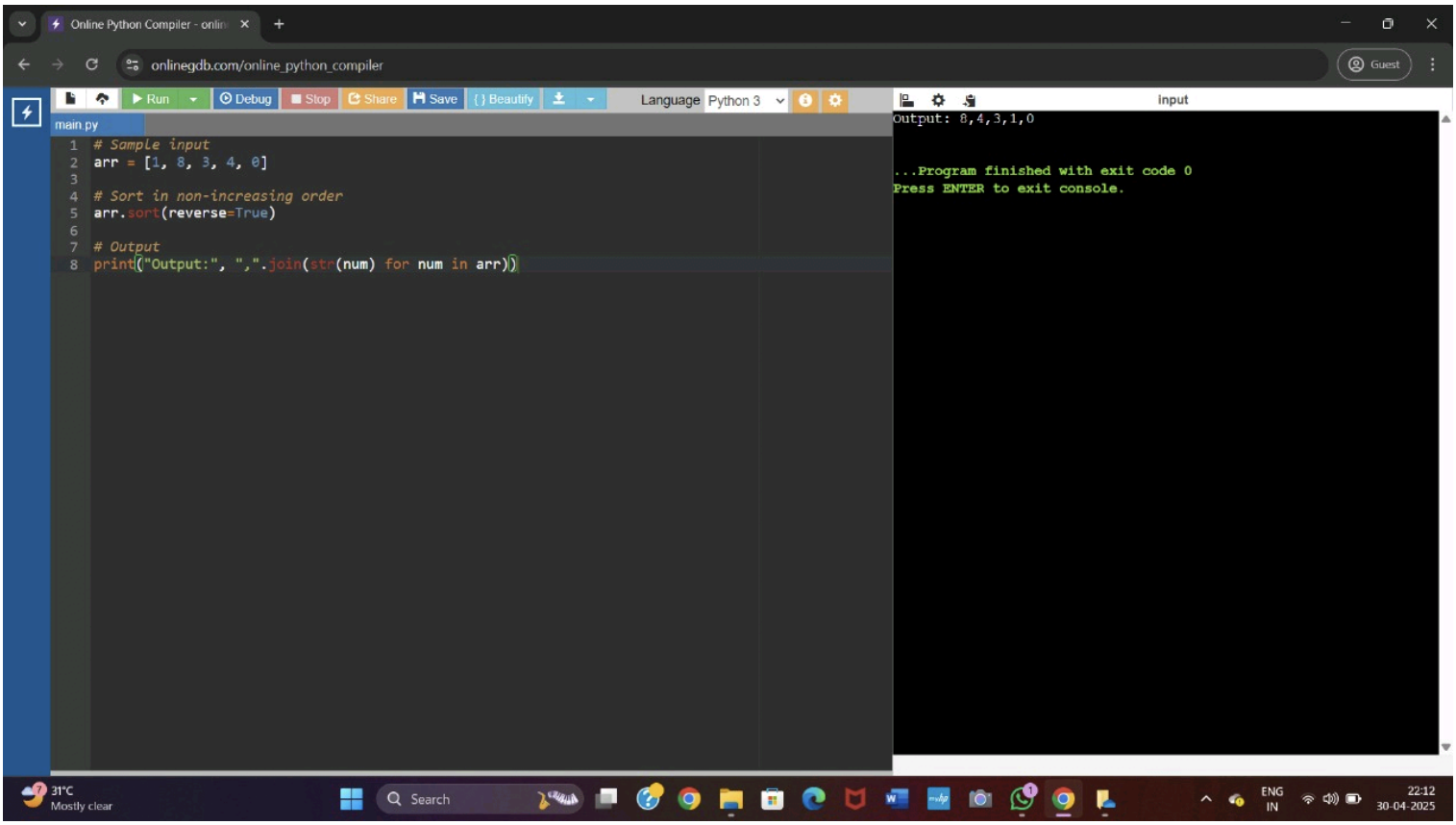



```python
import statistics

# Sample input
numbers = [12, 45, 83, 52]

# Calculate mean, median, and mode
mean = statistics.mean(numbers)
median = statistics.median(numbers)

# Handle mode safely in case there's no unique mode
try:
    mode = statistics.mode(numbers)
except statistics.StatisticsError:
    mode = mean  # or any fallback value

# Calculate the average of mean, median, and mode
average = (mean + median + mode) / 3

# Output
print(f"Output: {int(average)}")  # convert to int as in the sample output
```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onlinegdb.com/online_python_compiler
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{ } Beautify
Language
Python 3
main.py
# Sample input
arr = [1, 8, 3, 4, 0]
# Sort in non-increasing order
arr.sort(reverse=True)
# Output
print("Output:", ",".join(str(num) for num in arr))
input
Output: 8,4,3,1,0
...Program finished with exit code 0
Press ENTER to exit console.
31°C
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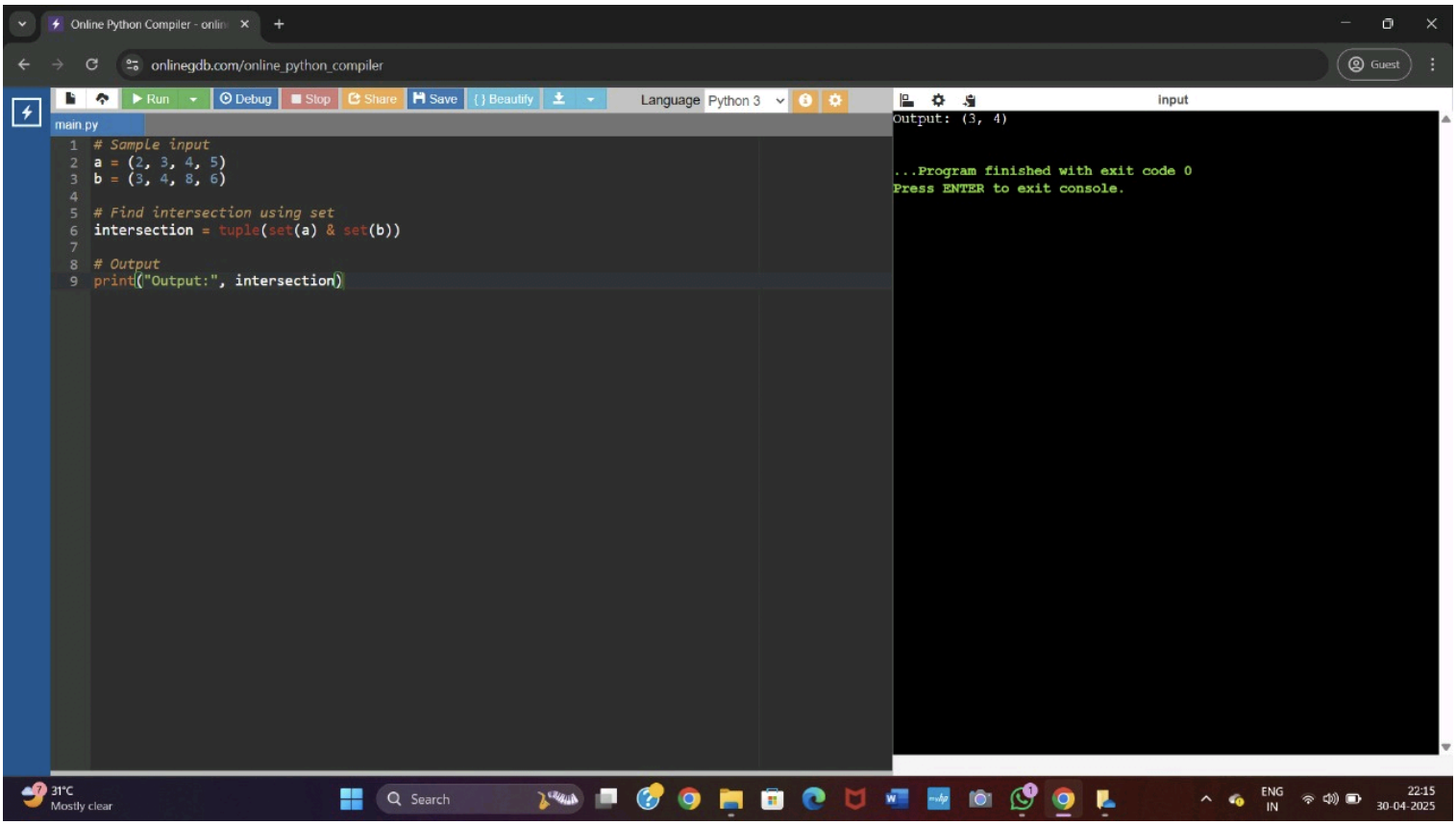
30-04-2025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onlinegdb.com/online_python_compiler
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{ } Beautify
Language
Python 3
main.py
# Sample input
a = (2, 3, 4, 5)
b = (3, 4, 8, 6)
# Find intersection using set
intersection = tuple(set(a) & set(b))
# Output
print("Output:", intersection)
input
Output: (3, 4)
...Program finished with exit code 0
Press ENTER to exit console.
31°C
Mostly clear
Search
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22:15
30-04-2025