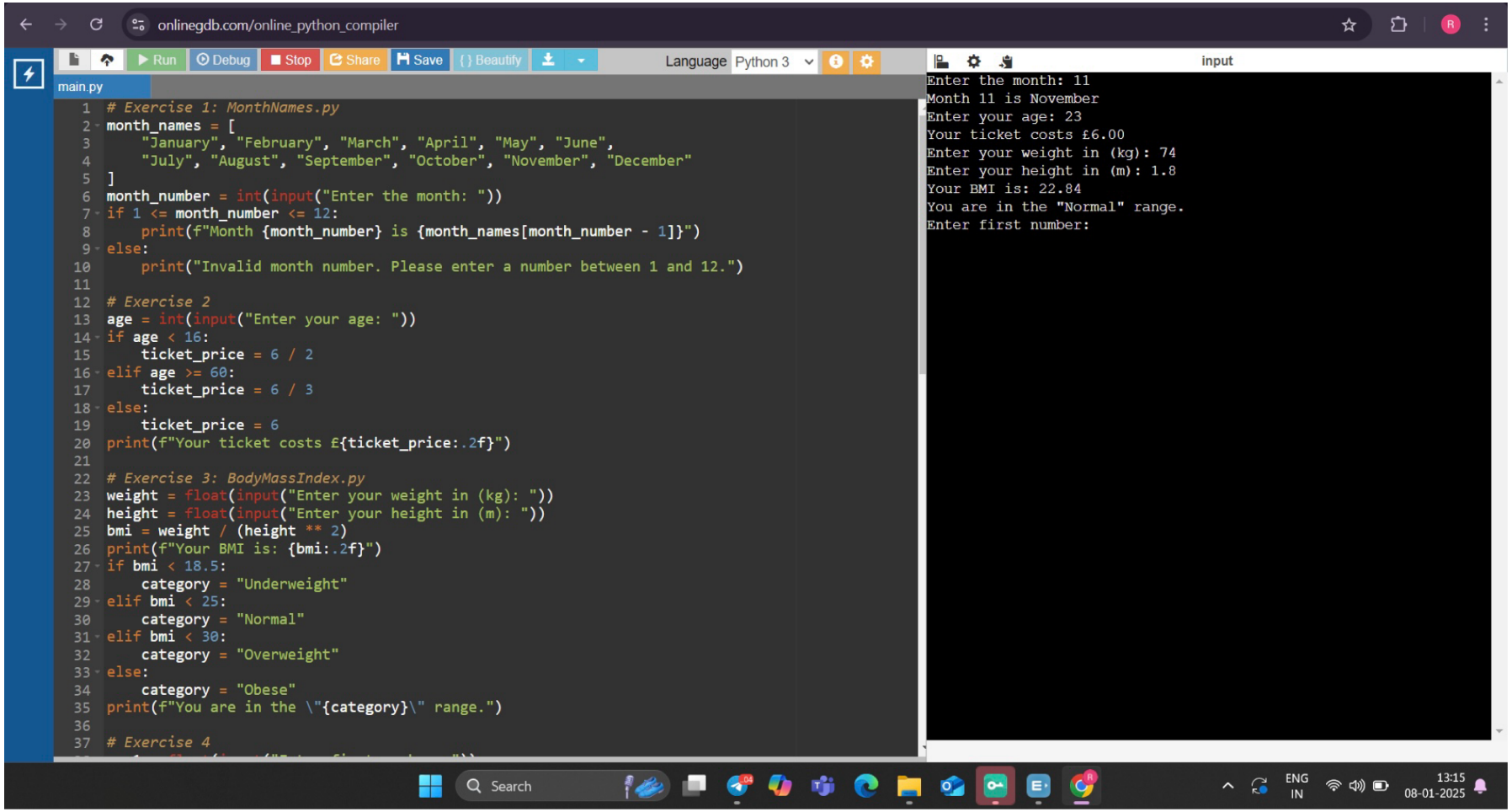
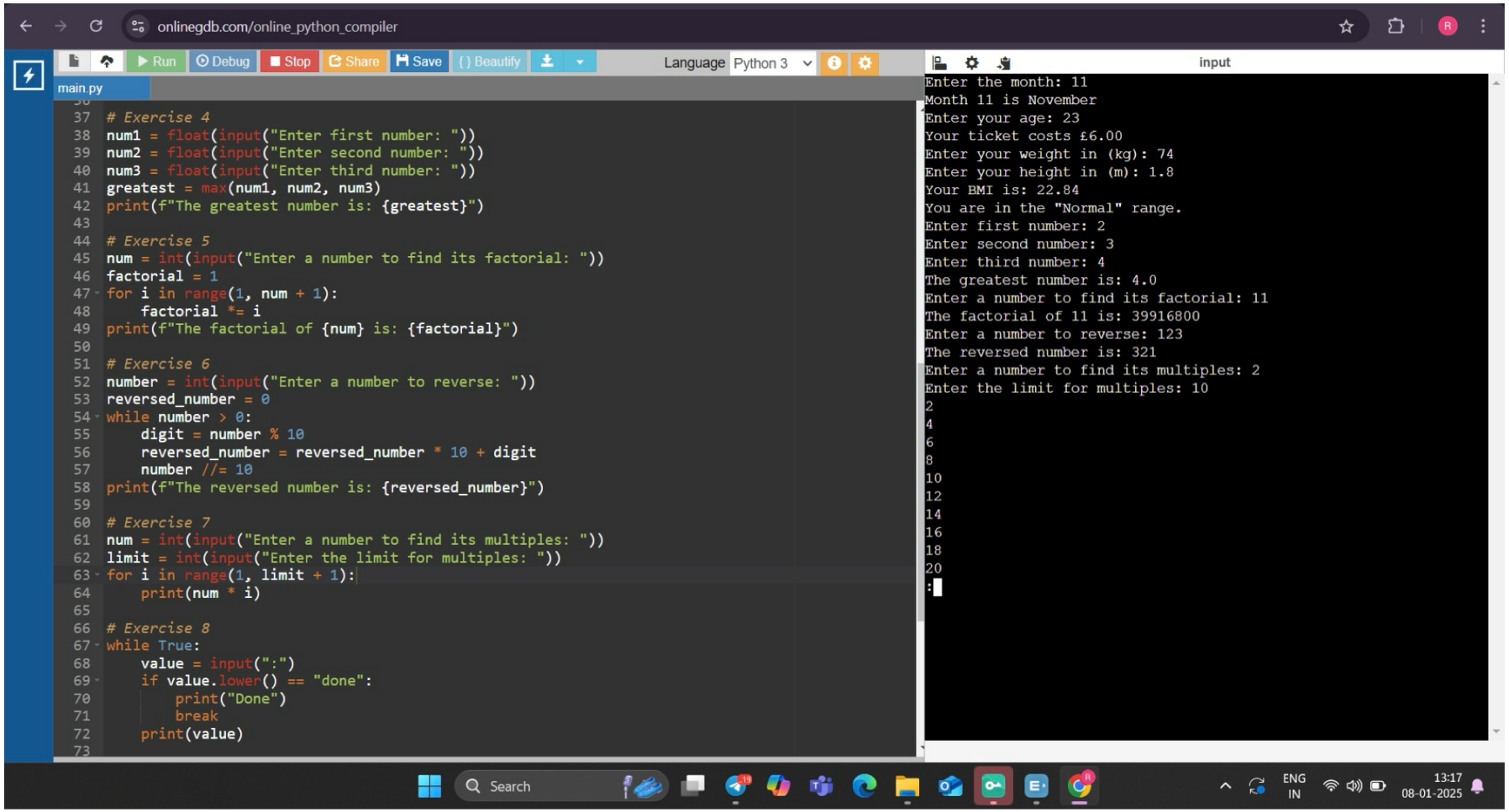

onlinegdb.com/online_python_compiler
Run
Debug
Stop
Share
Save
{ } Beautify
Language
Python 3
main.py
# Exercise 1: MonthNames.py
month_names = [
"January", "February", "March", "April", "May", "June",
"July", "August", "September", "October", "November", "December"
]
month_number = int(input("Enter the month: "))
if 1 <= month_number <= 12:
print(f"Month {month_number} is {month_names[month_number - 1]}")
else:
print("Invalid month number. Please enter a number between 1 and 12.")
# Exercise 2
age = int(input("Enter your age: "))
if age < 16:
ticket_price = 6 / 2
elif age >= 60:
ticket_price = 6 / 3
else:
ticket_price = 6
print(f"Your ticket costs £{ticket_price:.2f}")
# Exercise 3: BodyMassIndex.py
weight = float(input("Enter your weight in (kg): "))
height = float(input("Enter your height in (m): "))
bmi = weight / (height ** 2)
print(f"Your BMI is: {bmi:.2f}")
if bmi < 18.5:
category = "Underweight"
elif bmi < 25:
category = "Normal"
elif bmi < 30:
category = "Overweight"
else:
category = "Obese"
print(f"You are in the \"{category}\" range.")
# Exercise 4
input
Enter the month: 11
Month 11 is November
Enter your age: 23
Your ticket costs £6.00
Enter your weight in (kg): 74
Enter your height in (m): 1.8
Your BMI is: 22.84
You are in the "Normal" range.
Enter first number:
Search
ENG
IN
13:15
08-01-2025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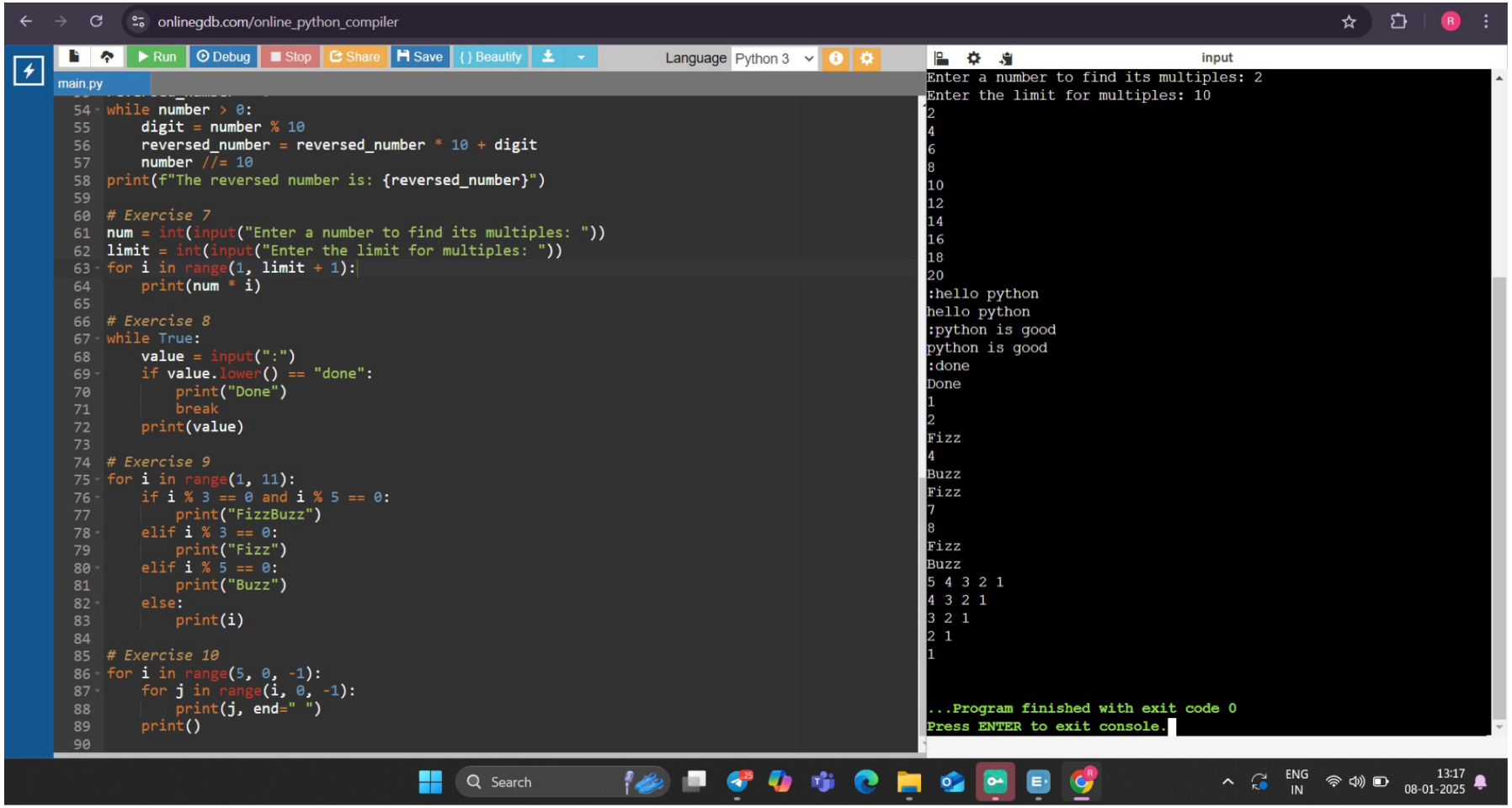
Run
Debug
Stop
Share
Save
{ } Beautify
Language
Python 3
main.py
input
# Exercise 4
num1 = float(input("Enter first number: "))
num2 = float(input("Enter second number: "))
num3 = float(input("Enter third number: "))
greatest = max(num1, num2, num3)
print(f"The greatest number is: {greatest}")
# Exercise 5
num = int(input("Enter a number to find its factorial: "))
factorial = 1
for i in range(1, num + 1):
factorial *= i
print(f"The factorial of {num} is: {factorial}")
# Exercise 6
number = int(input("Enter a number to reverse: "))
reversed_number = 0
while number > 0:
digit = number % 10
reversed_number = reversed_number * 10 + digit
number //= 10
print(f"The reversed number is: {reversed_number}")
# Exercise 7
num = int(input("Enter a number to find its multiples: "))
limit = int(input("Enter the limit for multiples: "))
for i in range(1, limit + 1):
print(num * i)
# Exercise 8
while True:
value = input(":")
if value.lower() == "done":
print("Done")
break
print(value)
Enter the month: 11
Month 11 is November
Enter your age: 23
Your ticket costs £6.00
Enter your weight in (kg): 74
Enter your height in (m): 1.8
Your BMI is: 22.84
You are in the "Normal" range.
Enter first number: 2
Enter second number: 3
Enter third number: 4
The greatest number is: 4.0
Enter a number to find its factorial: 11
The factorial of 11 is: 39916800
Enter a number to reverse: 123
The reversed number is: 321
Enter a number to find its multiples: 2
Enter the limit for multiples: 10
2
4
6
8
10
12
14
16
18
20
:
Search
ENG
IN
13:17
08-01-2025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{ } Beautify
Language
Python 3
main.py
while number > 0:
digit = number % 10
reversed_number = reversed_number * 10 + digit
number //= 10
print(f"The reversed number is: {reversed_number}")
# Exercise 7
num = int(input("Enter a number to find its multiples: "))
limit = int(input("Enter the limit for multiples: "))
for i in range(1, limit + 1):
print(num * i)
# Exercise 8
while True:
value = input(":")
if value.lower() == "done":
print("Done")
break
print(value)
# Exercise 9
for i in range(1, 11):
if i % 3 == 0 and i % 5 == 0:
print("FizzBuzz")
elif i % 3 == 0:
print("Fizz")
elif i % 5 == 0:
print("Buzz")
else:
print(i)
# Exercise 10
for i in range(5, 0, -1):
for j in range(i, 0, -1):
print(j, end=" ")
print()
input
Enter a number to find its multiples: 2
Enter the limit for multiples: 10
2
4
6
8
10
12
14
16
18
20
:hello python
hello python
:python is good
python is good
:done
Done
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
5 4 3 2 1
4 3 2 1
3 2 1
2 1
1
...Program finished with exit code 0
Press ENTER to exit console.
Search
ENG
IN
13:17
08-01-2025