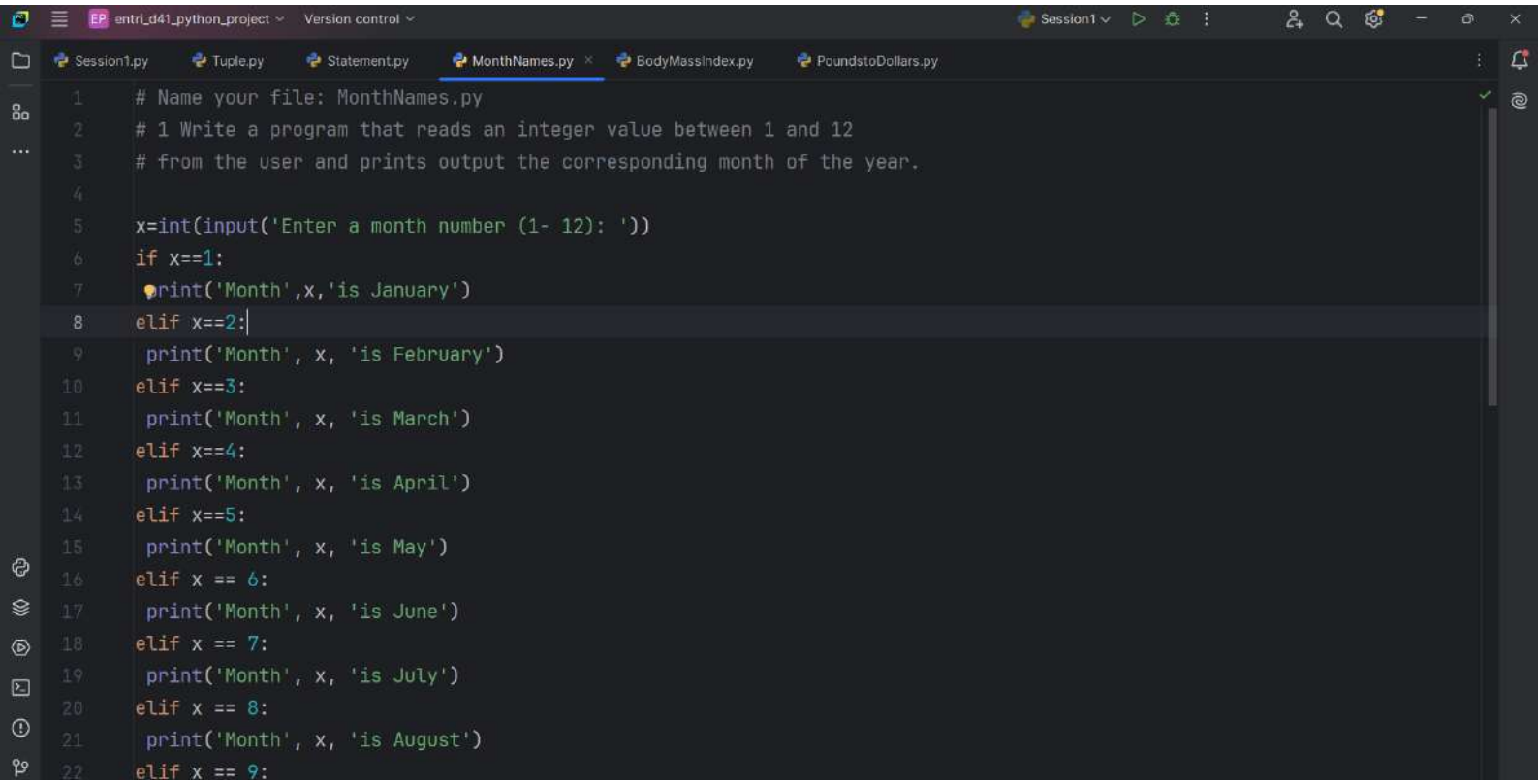
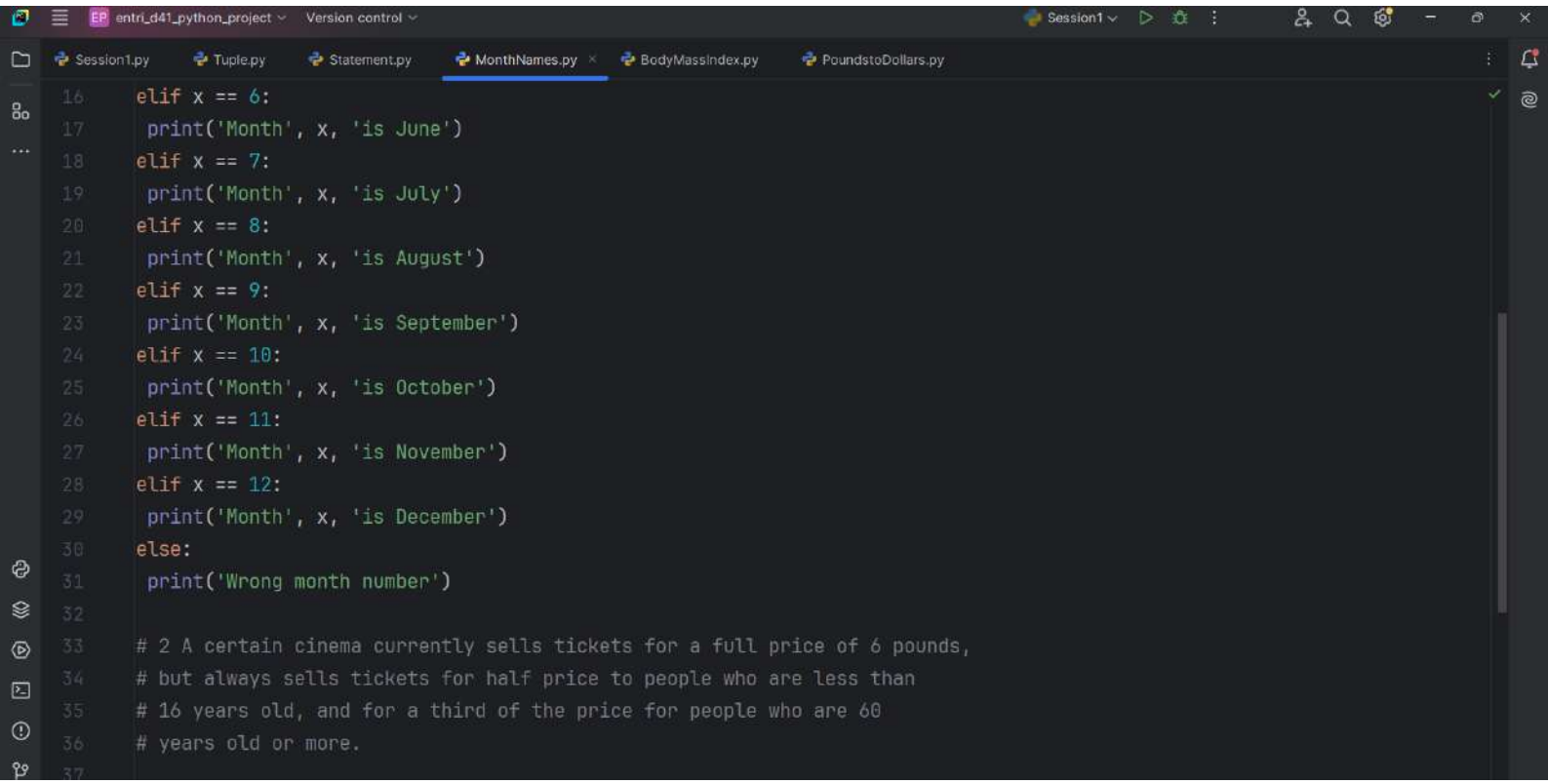
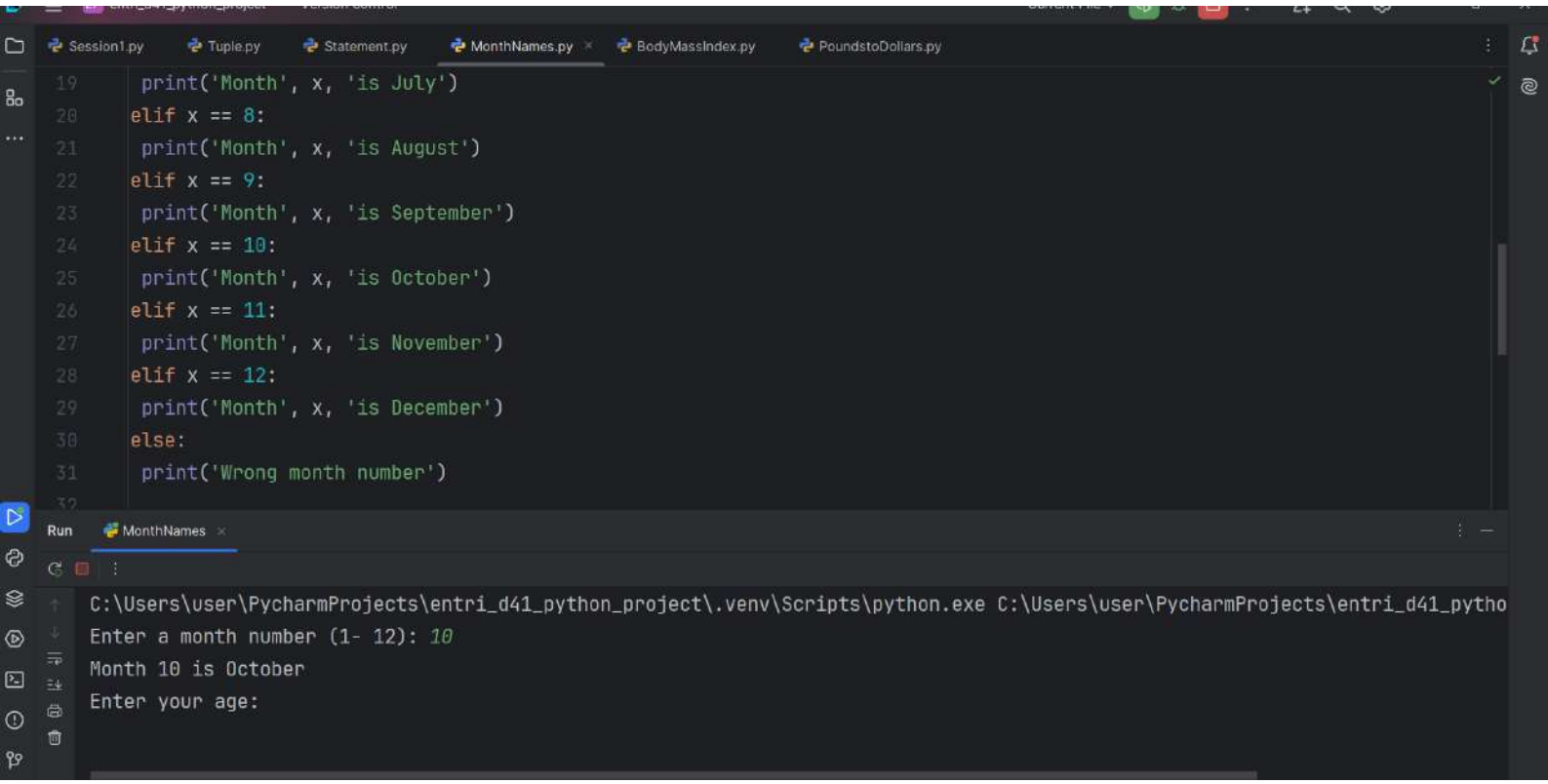
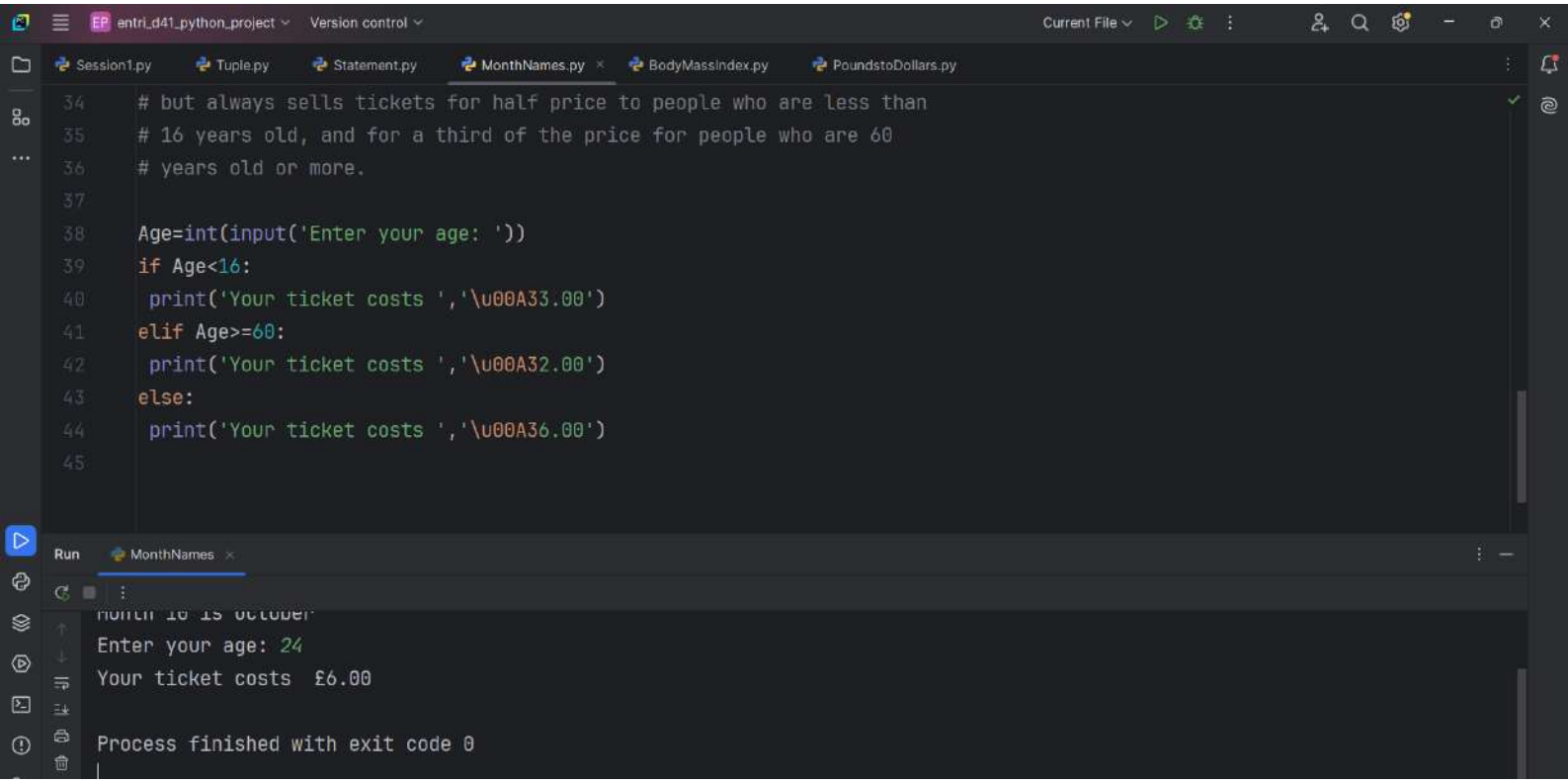

entri_d41_python_project
Version control
Session1
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# Name your file: MonthNames.py
# 1 Write a program that reads an integer value between 1 and 12
# from the user and prints output the corresponding month of the year.
x=int(input('Enter a month number (1- 12): '))
if x==1:
print('Month',x,'is January')
elif x==2:
print('Month', x, 'is February')
elif x==3:
print('Month', x, 'is March')
elif x==4:
print('Month', x, 'is April')
elif x==5:
print('Month', x, 'is May')
elif x == 6:
print('Month', x, 'is June')
elif x == 7:
print('Month', x, 'is July')
elif x == 8:
print('Month', x, 'is August')
elif x == 9:


entri_d41_python_project
Version control
Session1
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
elif x == 6:
print('Month', x, 'is June')
elif x == 7:
print('Month', x, 'is July')
elif x == 8:
print('Month', x, 'is August')
elif x == 9:
print('Month', x, 'is September')
elif x == 10:
print('Month', x, 'is October')
elif x == 11:
print('Month', x, 'is November')
elif x == 12:
print('Month', x, 'is December')
else:
print('Wrong month number')
# 2 A certain cinema currently sells tickets for a full price of 6 pounds,
# but always sells tickets for half price to people who are less than
# 16 years old, and for a third of the price for people who are 60
# years old or more.


Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
print('Month', x, 'is July')
elif x == 8:
print('Month', x, 'is August')
elif x == 9:
print('Month', x, 'is September')
elif x == 10:
print('Month', x, 'is October')
elif x == 11:
print('Month', x, 'is November')
elif x == 12:
print('Month', x, 'is December')
else:
print('Wrong month number')
Run
MonthNames
C:\Users\user\PycharmProjects\entri_d41_python_project\.venv\Scripts\python.exe C:\Users\user\PycharmProjects\entri_d41_pytho
Enter a month number (1- 12): 10
Month 10 is October
Enter your age:


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
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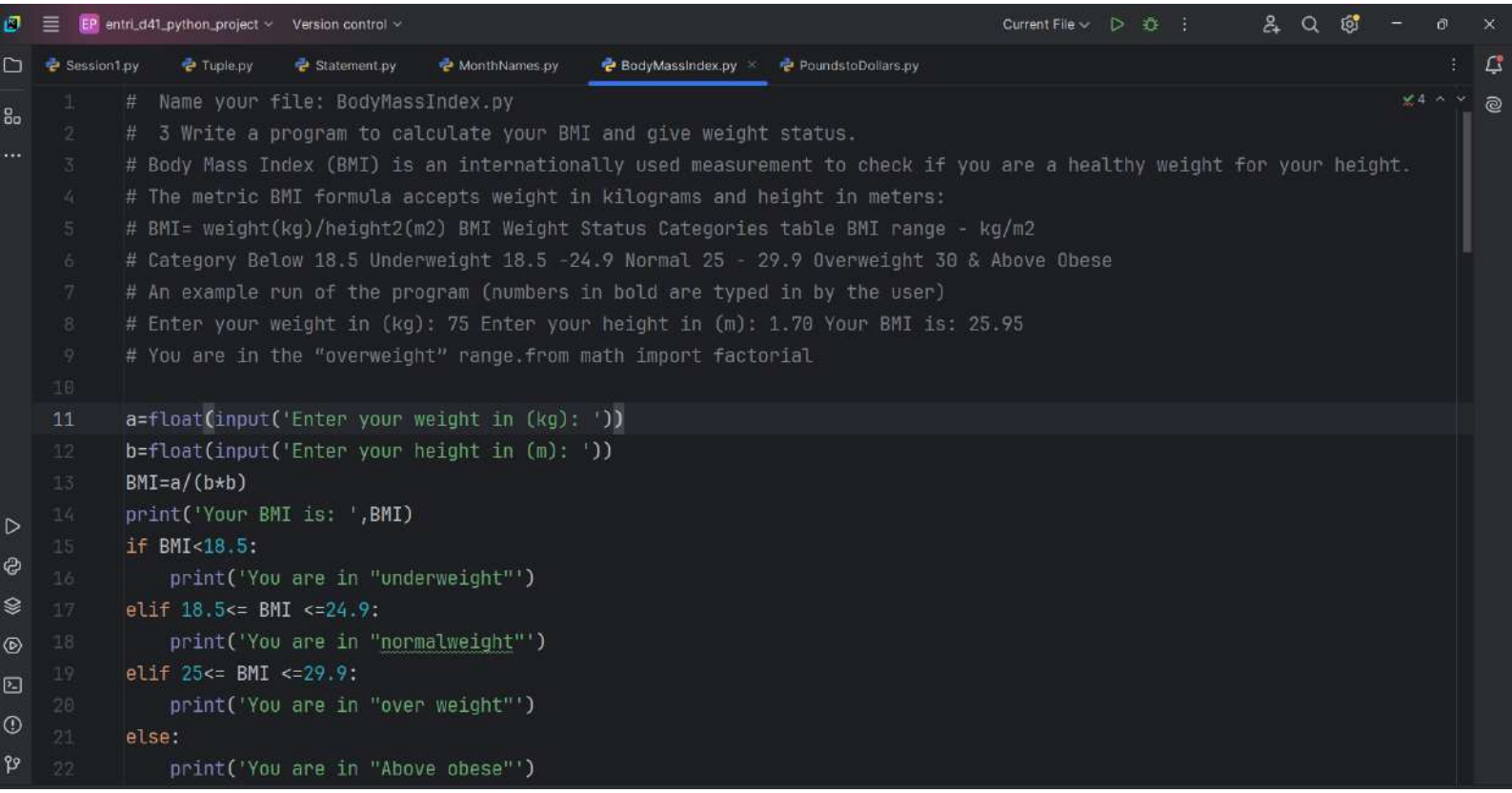
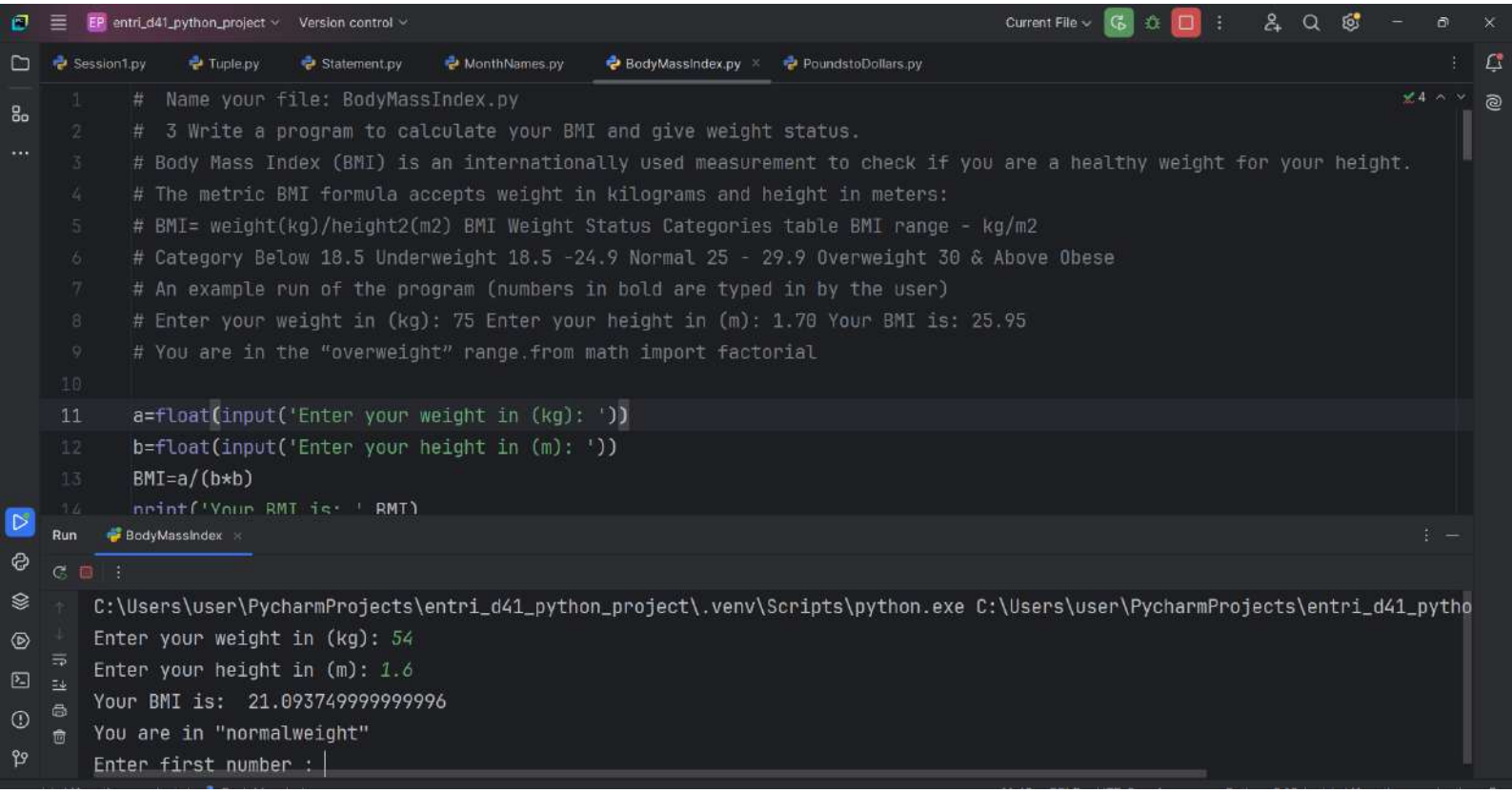
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# but always sells tickets for half price to people who are less than
# 16 years old, and for a third of the price for people who are 60
# years old or more.
Age=int(input('Enter your age: '))
if Age<16:
print('Your ticket costs ','\u00A33.00')
elif Age>=60:
print('Your ticket costs ','\u00A32.00')
else:
print('Your ticket costs ','\u00A36.00')
Run
MonthNames
Enter your age: 24
Your ticket costs £6.00
Process finished with exit code 0


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# Name your file: BodyMassIndex.py
# 3 Write a program to calculate your BMI and give weight status.
# Body Mass Index (BMI) is an internationally used measurement to check if you are a healthy weight for your height.
# The metric BMI formula accepts weight in kilograms and height in meters:
# BMI= weight(kg)/height2(m2) BMI Weight Status Categories table BMI range - kg/m2
# Category Below 18.5 Underweight 18.5 -24.9 Normal 25 - 29.9 Overweight 30 & Above Obese
# An example run of the program (numbers in bold are typed in by the user)
# Enter your weight in (kg): 75 Enter your height in (m): 1.70 Your BMI is: 25.95
# You are in the "overweight" range.from math import factorial
a=float(input('Enter your weight in (kg): '))
b=float(input('Enter your height in (m): '))
BMI=a/(b*b)
print('Your BMI is: ',BMI)
if BMI<18.5:
print('You are in "underweight"')
elif 18.5<= BMI <=24.9:
print('You are in "normalweight"')
elif 25<= BMI <=29.9:
print('You are in "over weight"')
else:
print('You are in "Above obese"')


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
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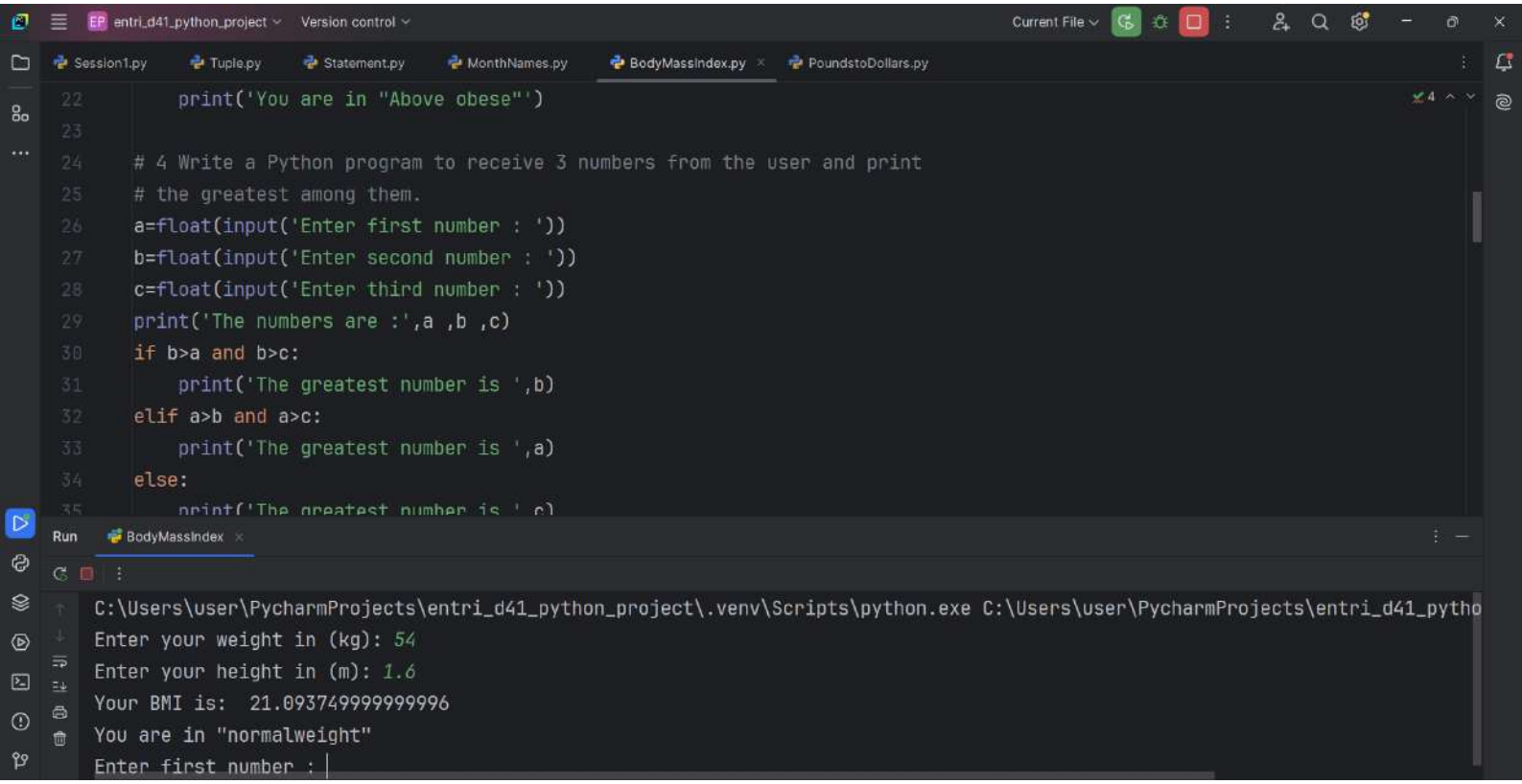
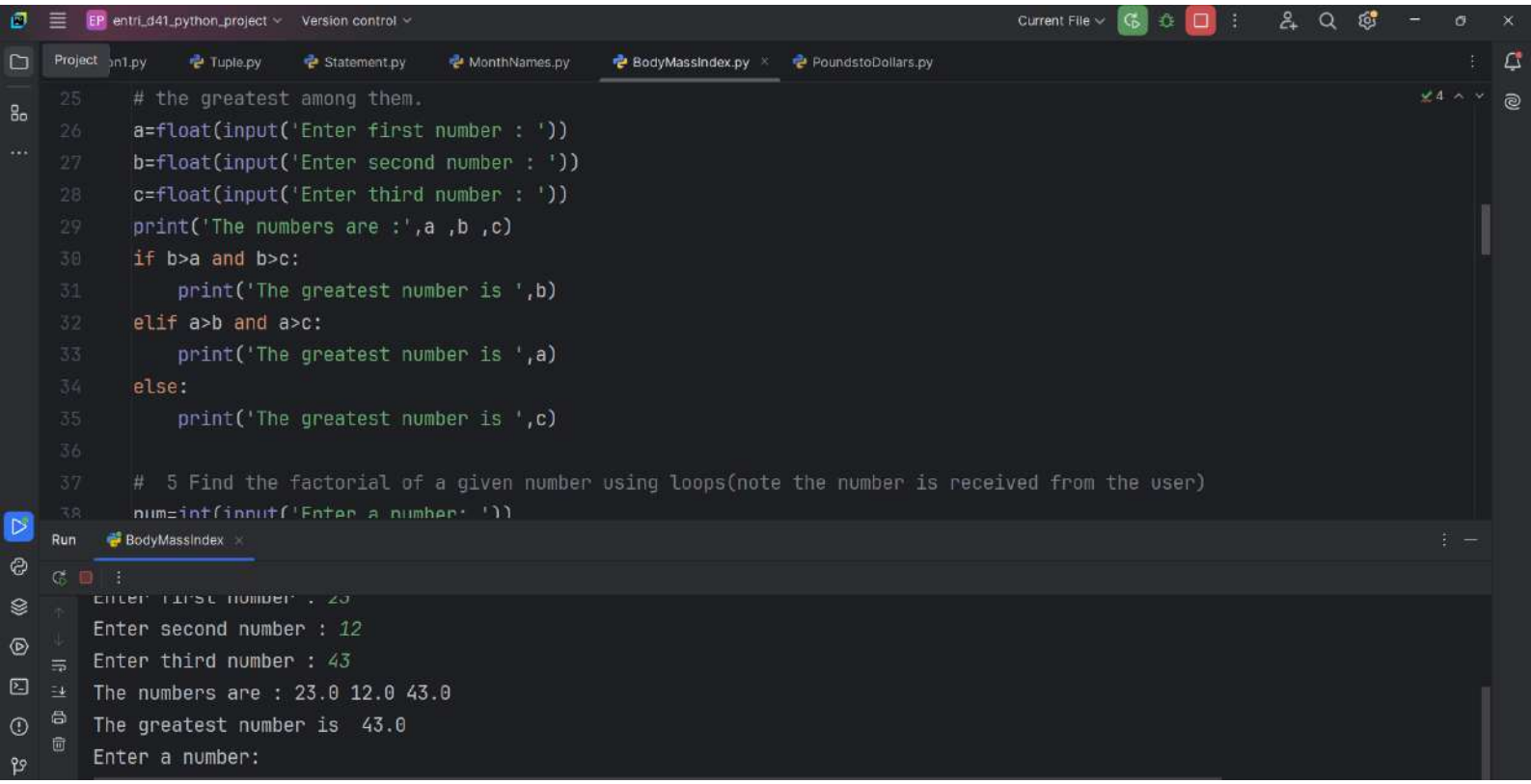
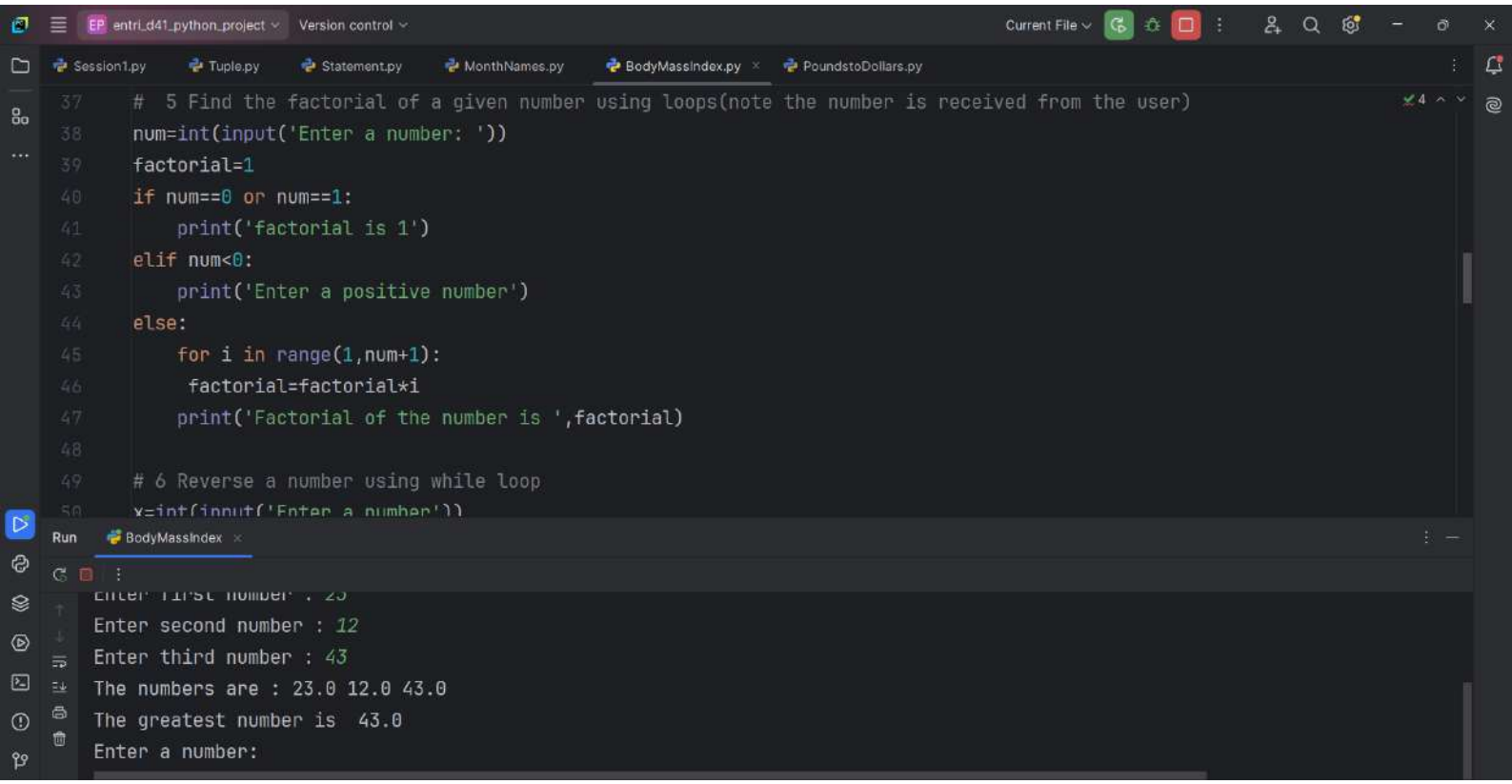
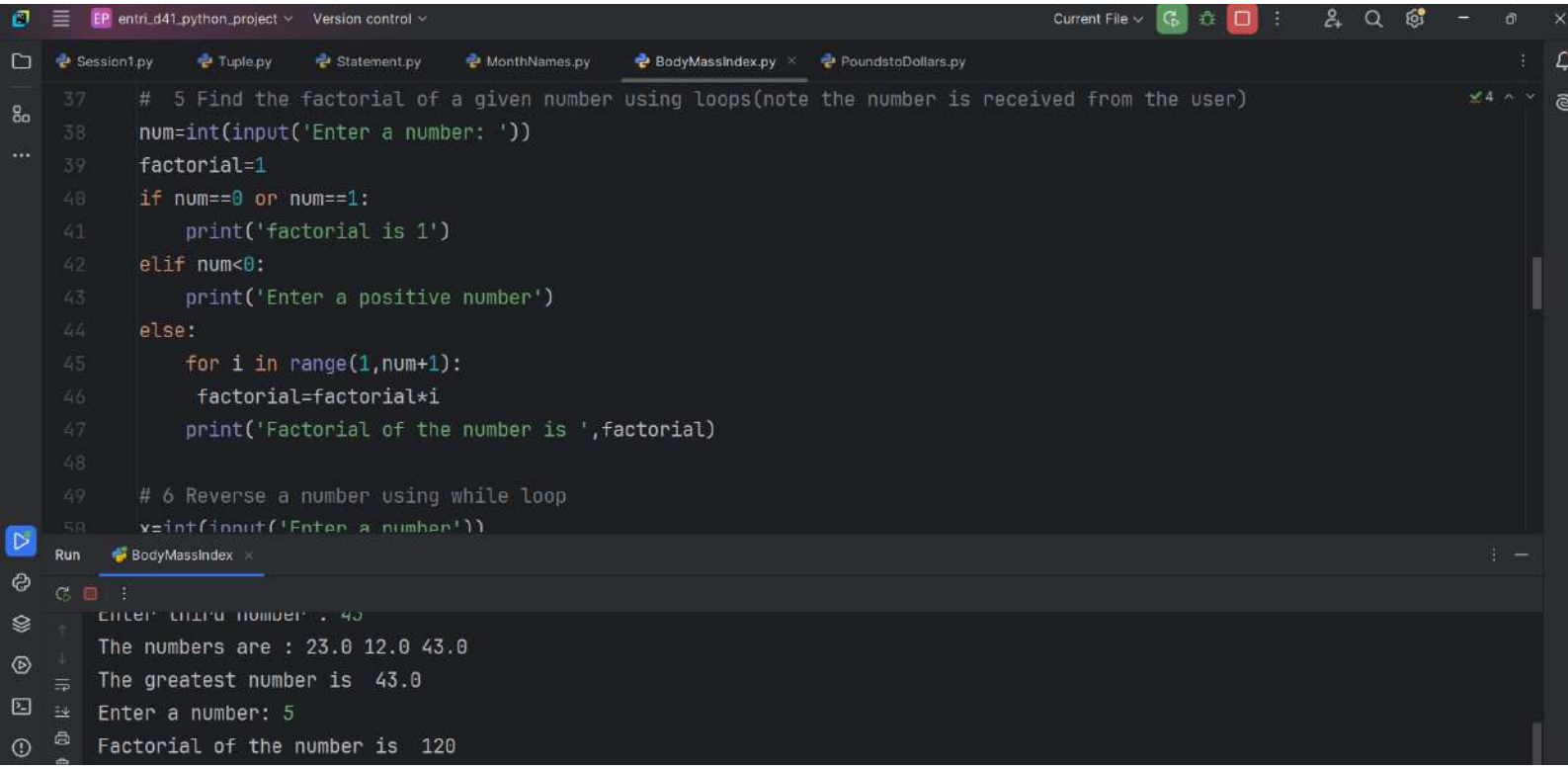
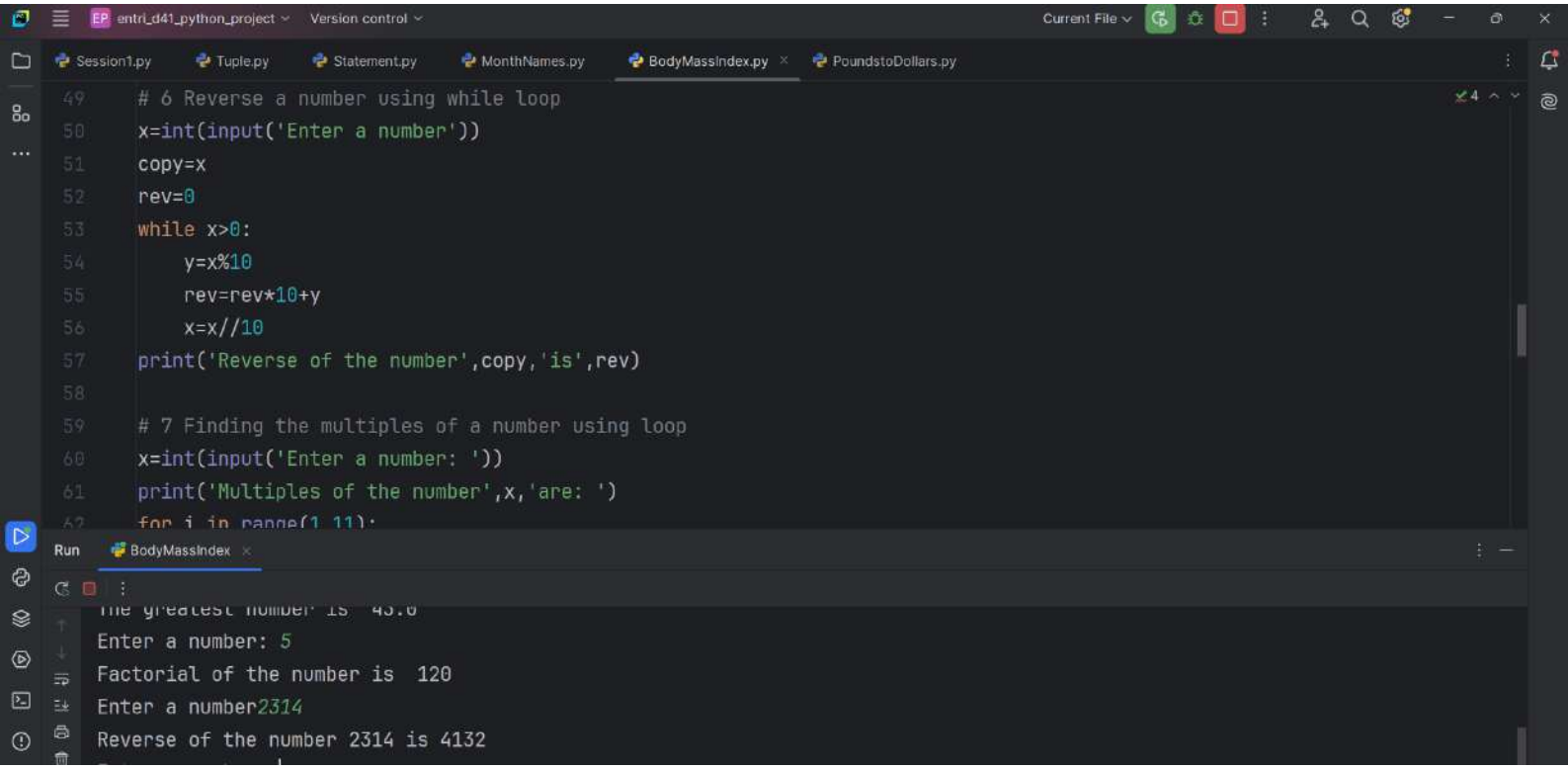
# Category Below 18.5 Underweight 18.5 -24.9 Normal 25 - 29.9 Overweight 30 & Above Obese
# An example run of the program (numbers in bold are typed in by the user)
# Enter your weight in (kg): 75 Enter your height in (m): 1.70 Your BMI is: 25.95
# You are in the "overweight" range.from math import factorial
a=float(input('Enter your weight in (kg): '))
b=float(input('Enter your height in (m): '))
BMI=a/(b*b)
print('Your BMI is: ' BMI)
Run
BodyMassIndex
C:\Users\user\PycharmProjects\entri_d41_python_project\.venv\Scripts\python.exe C:\Users\user\PycharmProjects\entri_d41_pytho
Enter your weight in (kg): 54
Enter your height in (m): 1.6
Your BMI is: 21.093749999999996
You are in "normalweight"
Enter first number :

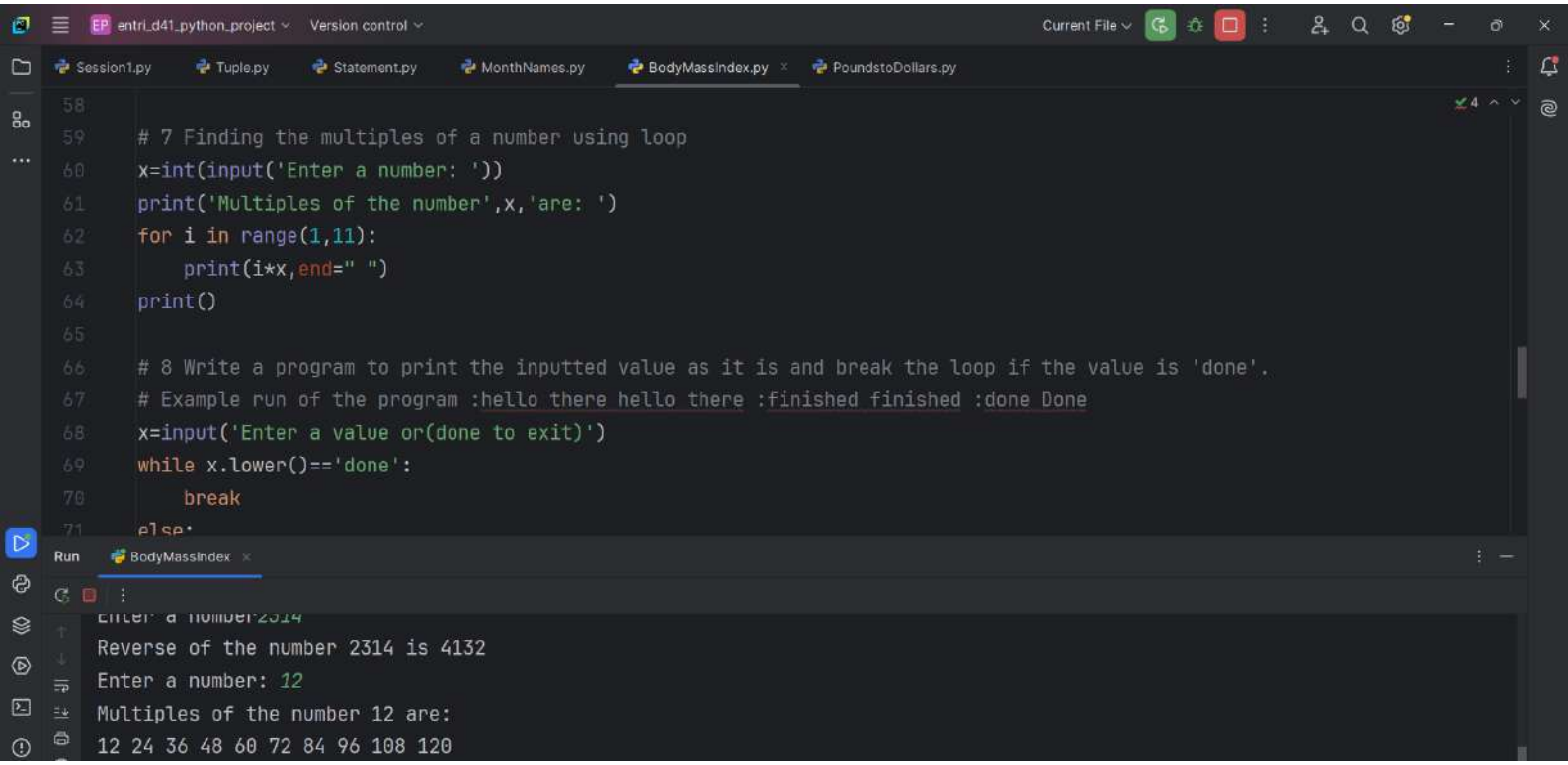

entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
print('You are in "Above obese"')
# 4 Write a Python program to receive 3 numbers from the user and print
# the greatest among them.
a=float(input('Enter first number : '))
b=float(input('Enter second number : '))
c=float(input('Enter third number : '))
print('The numbers are :',a ,b ,c)
if b>a and b>c:
print('The greatest number is ',b)
elif a>b and a>c:
print('The greatest number is ',a)
else:
Run
BodyMassIndex
C:\Users\user\PycharmProjects\entri_d41_python_project\.venv\Scripts\python.exe C:\Users\user\PycharmProjects\entri_d41_pytho
Enter your weight in (kg): 54
Enter your height in (m): 1.6
Your BMI is: 21.093749999999996
You are in "normalweight"
Enter first number :

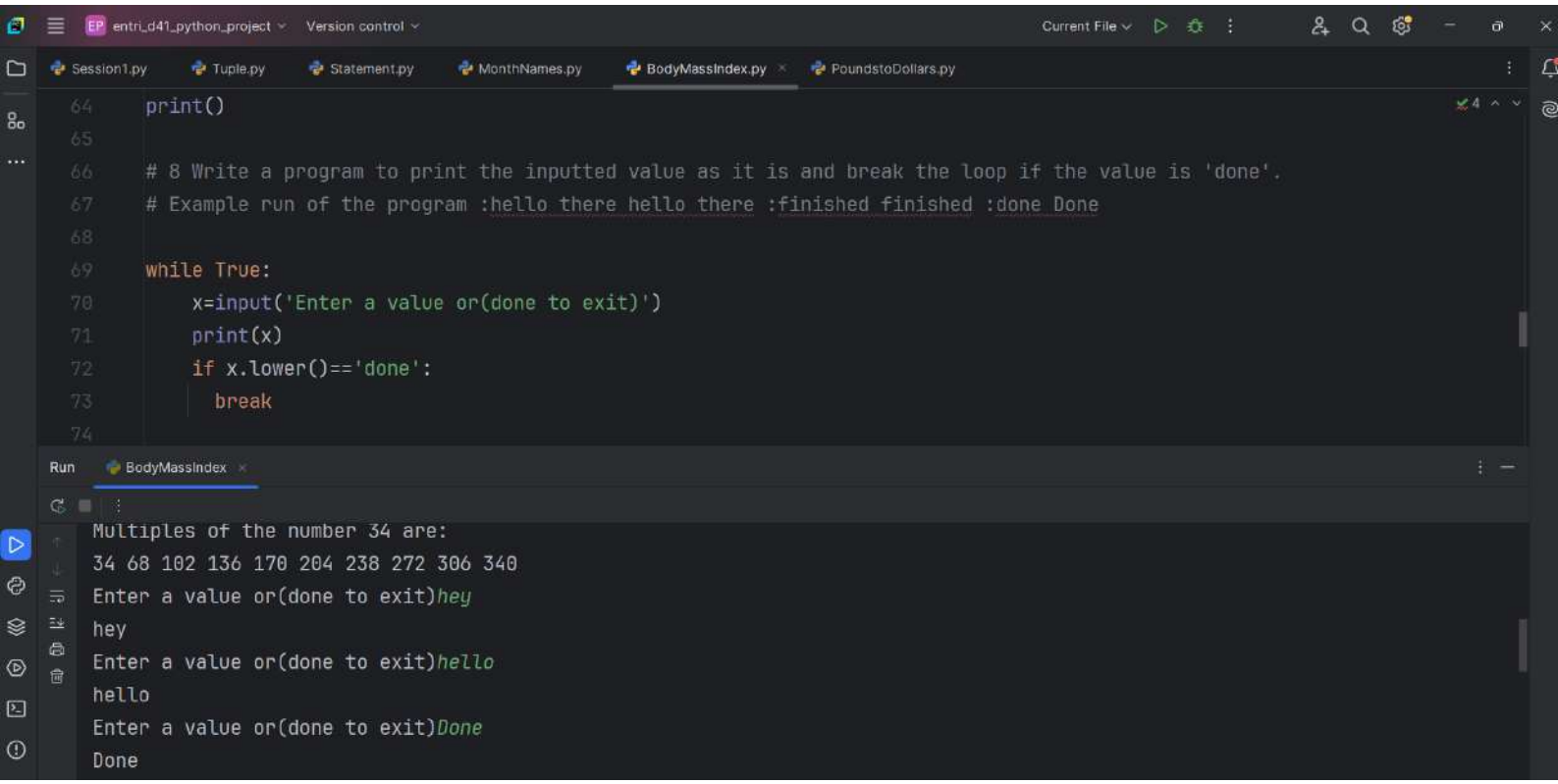

entri_d41_python_project
Version control
Current File
Project
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# the greatest among them.
a=float(input('Enter first number : '))
b=float(input('Enter second number : '))
c=float(input('Enter third number : '))
print('The numbers are :',a ,b ,c)
if b>a and b>c:
print('The greatest number is ',b)
elif a>b and a>c:
print('The greatest number is ',a)
else:
print('The greatest number is ',c)
# 5 Find the factorial of a given number using loops(note the number is received from the user)
Run
BodyMassIndex
Enter second number : 12
Enter third number : 43
The numbers are : 23.0 12.0 43.0
The greatest number is 43.0
Enter a number:

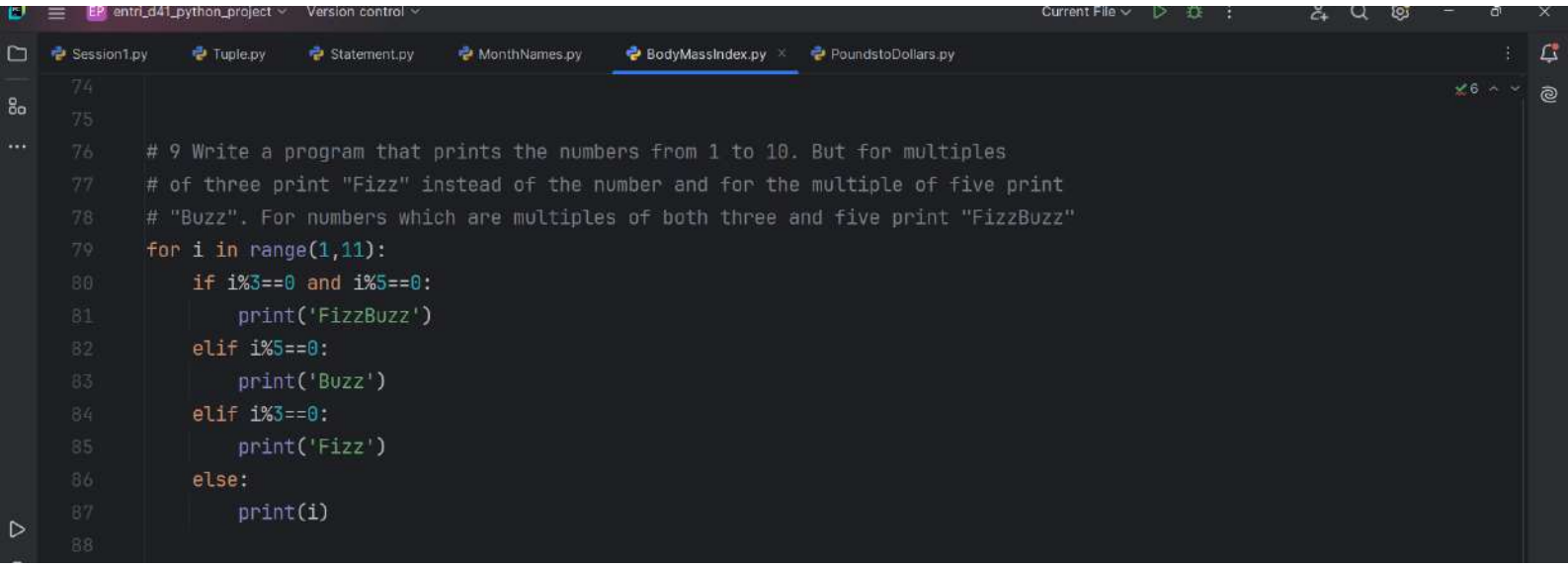

entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# 5 Find the factorial of a given number using loops(note the number is received from the user)
num=int(input('Enter a number: '))
factorial=1
if num==0 or num==1:
print('factorial is 1')
elif num<0:
print('Enter a positive number')
else:
for i in range(1,num+1):
factorial=factorial*i
print('Factorial of the number is ',factorial)
# 6 Reverse a number using while loop
x=int(input('Enter a number'))
Run
BodyMassIndex
Enter second number : 12
Enter third number : 43
The numbers are : 23.0 12.0 43.0
The greatest number is 43.0
Enter a number:

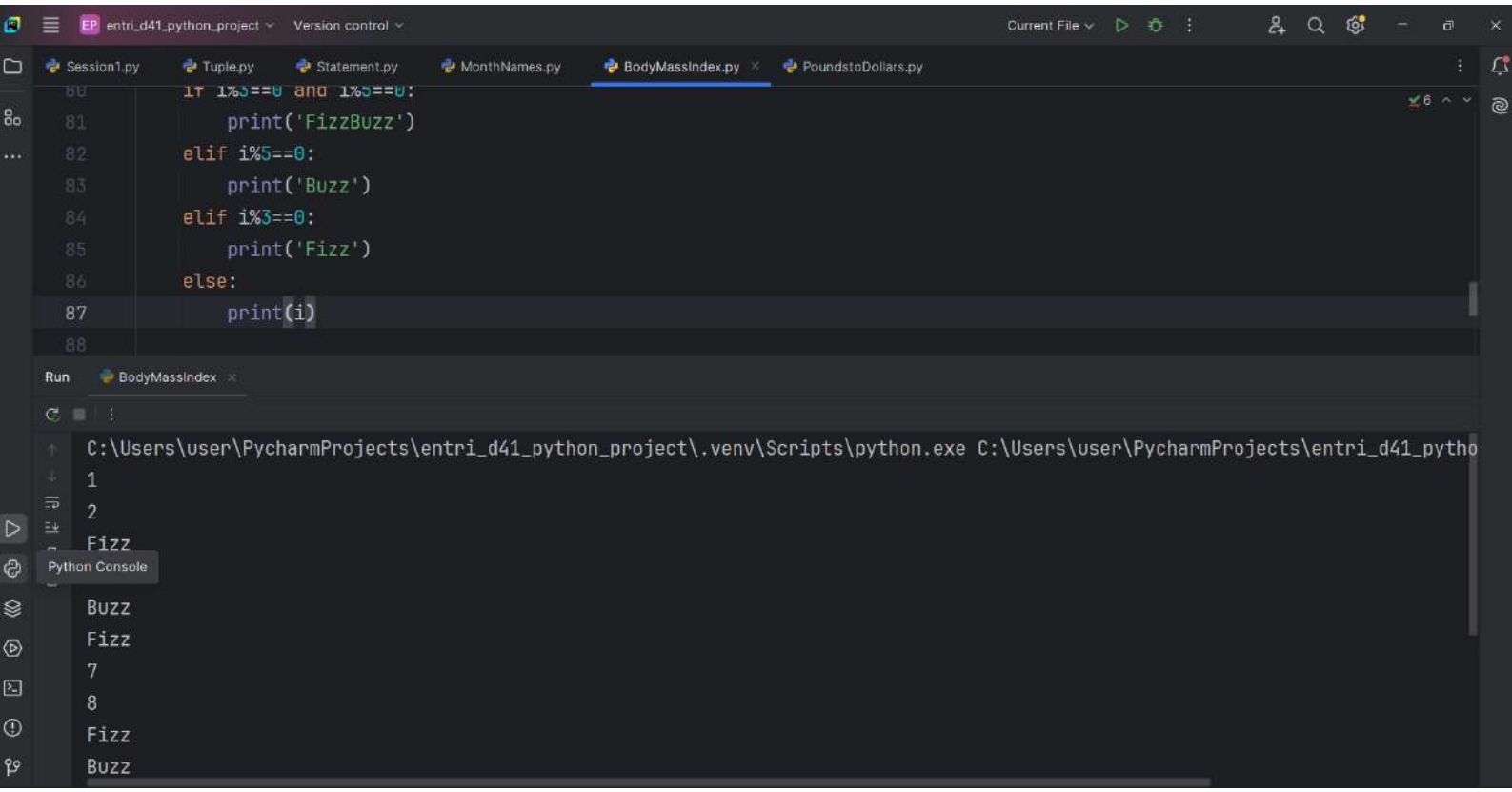

entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# 5 Find the factorial of a given number using loops(note the number is received from the user)
num=int(input('Enter a number: '))
factorial=1
if num==0 or num==1:
print('factorial is 1')
elif num<0:
print('Enter a positive number')
else:
for i in range(1,num+1):
factorial=factorial*i
print('Factorial of the number is ',factorial)
# 6 Reverse a number using while loop
Run
BodyMassIndex
The numbers are : 23.0 12.0 43.0
The greatest number is 43.0
Enter a number: 5
Factorial of the number is 120

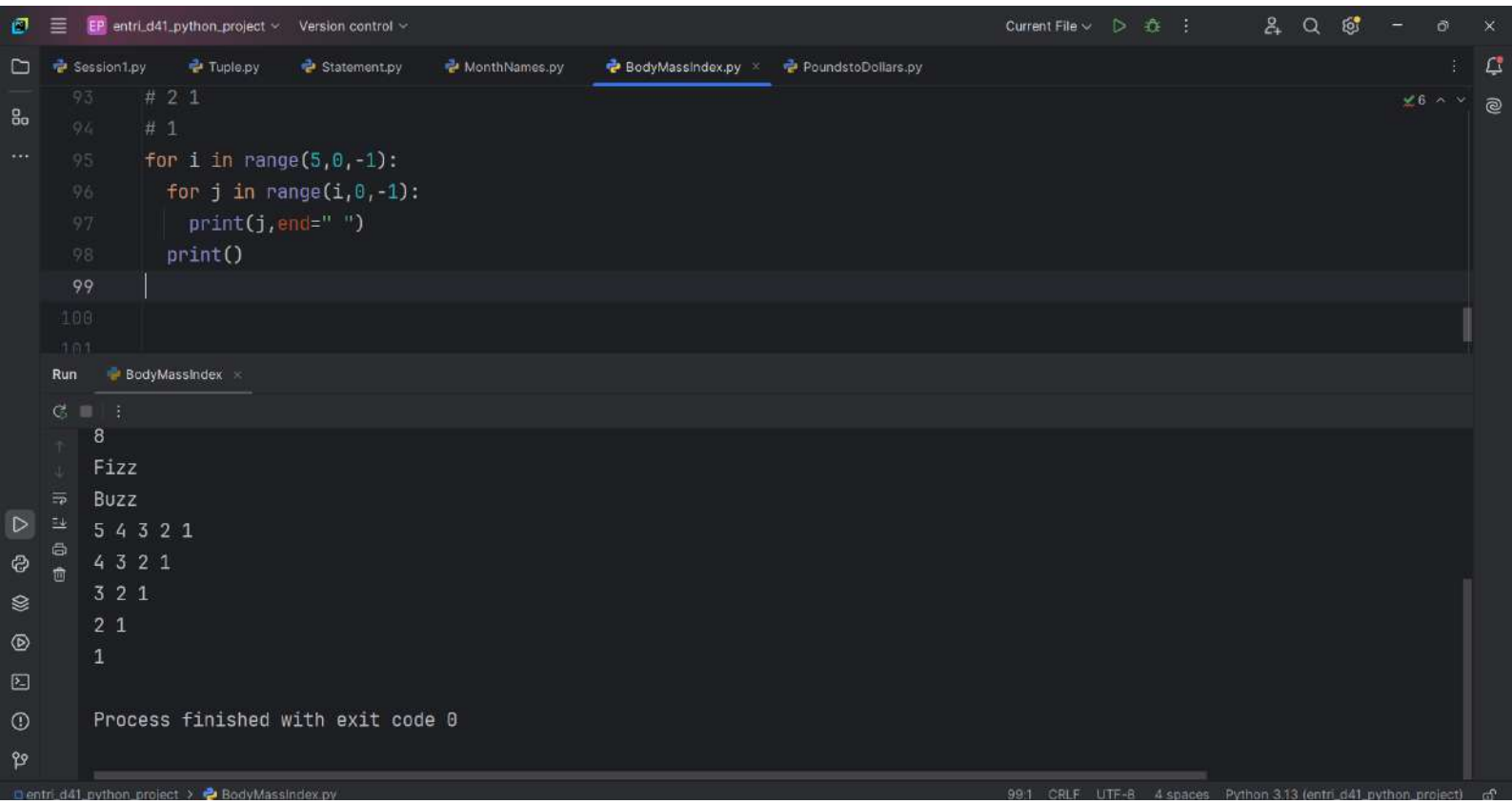

entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# 6 Reverse a number using while loop
x=int(input('Enter a number'))
copy=x
rev=0
while x>0:
y=x%10
rev=rev*10+y
x=x//10
print('Reverse of the number',copy,'is',rev)
# 7 Finding the multiples of a number using loop
x=int(input('Enter a number: '))
print('Multiples of the number',x,'are: ')
Run
BodyMassIndex
Enter a number: 5
Factorial of the number is 120
Enter a number2314
Reverse of the number 2314 is 4132


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# 7 Finding the multiples of a number using loop
x=int(input('Enter a number: '))
print('Multiples of the number',x,'are: ')
for i in range(1,11):
print(i*x,end=" ")
print()
# 8 Write a program to print the inputted value as it is and break the loop if the value is 'done'.
# Example run of the program :hello there hello there :finished finished :done Done
x=input('Enter a value or(done to exit)')
while x.lower()=='done':
break
Run
BodyMassIndex
Reverse of the number 2314 is 4132
Enter a number: 12
Multiples of the number 12 are:
12 24 36 48 60 72 84 96 108 120


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
print()
# 8 Write a program to print the inputted value as it is and break the loop if the value is 'done'.
# Example run of the program :hello there hello there :finished finished :done Done
while True:
x=input('Enter a value or(done to exit)')
print(x)
if x.lower()=='done':
break
Run
BodyMassIndex
Multiples of the number 34 are:
34 68 102 136 170 204 238 272 306 340
Enter a value or(done to exit)hey
hey
Enter a value or(done to exit)hello
hello
Enter a value or(done to exit)Done
Done


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
74
75
76 # 9 Write a program that prints the numbers from 1 to 10. But for multiples
77 # of three print "Fizz" instead of the number and for the multiple of five print
78 # "Buzz". For numbers which are multiples of both three and five print "FizzBuzz"
79 for i in range(1,11):
80 if i%3==0 and i%5==0:
81 print('FizzBuzz')
82 elif i%5==0:
83 print('Buzz')
84 elif i%3==0:
85 print('Fizz')
86 else:
87 print(i)
88


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
if i%3==0 and i%5==0:
print('FizzBuzz')
elif i%5==0:
print('Buzz')
elif i%3==0:
print('Fizz')
else:
print(i)
Run
BodyMassIndex
C:\Users\user\PycharmProjects\entri_d41_python_project\.venv\Scripts\python.exe C:\Users\user\PycharmProjects\entri_d41_pytho
1
2
Fizz
Buzz
Fizz
7
8
Fizz
Buzz
Python Console


entri_d41_python_project
Version control
Current File
Session1.py
Tuple.py
Statement.py
MonthNames.py
BodyMassIndex.py
PoundstoDollars.py
# 2 1
# 1
for i in range(5,0,-1):
for j in range(i,0,-1):
print(j,end=" ")
print()
Run
BodyMassIndex
8
Fizz
Buzz
5 4 3 2 1
4 3 2 1
3 2 1
2 1
1
Process finished with exit code 0
entri_d41_python_project > BodyMassIndex.py
99:1 CRLF UTF-8 4 spaces Python 3.13 (entri_d41_python_project)