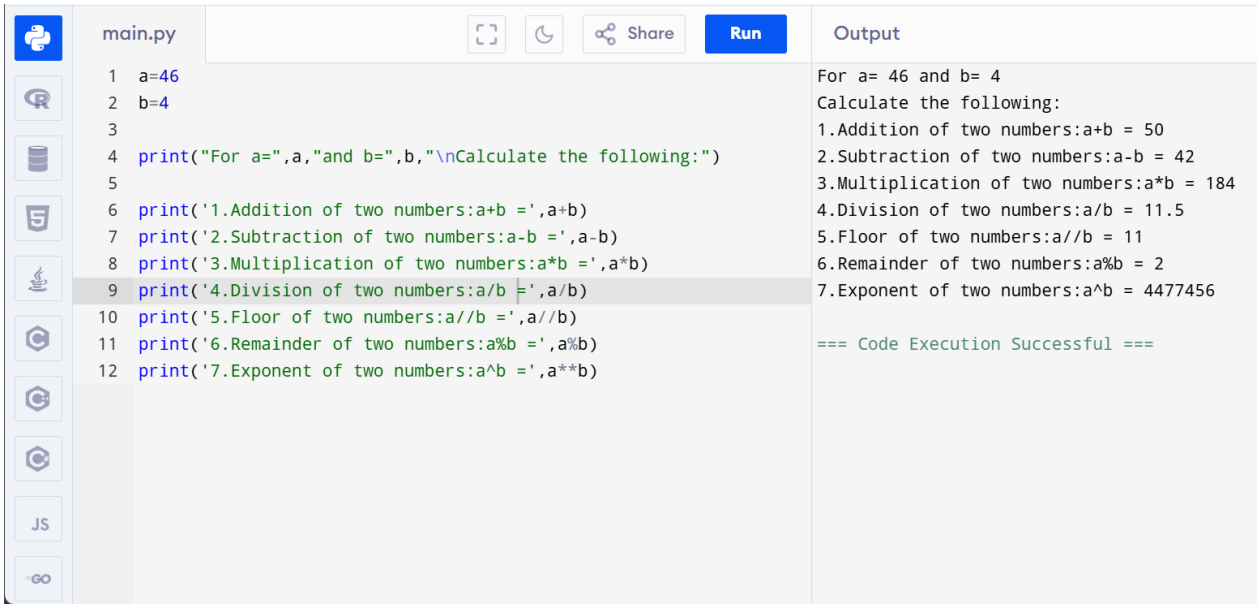
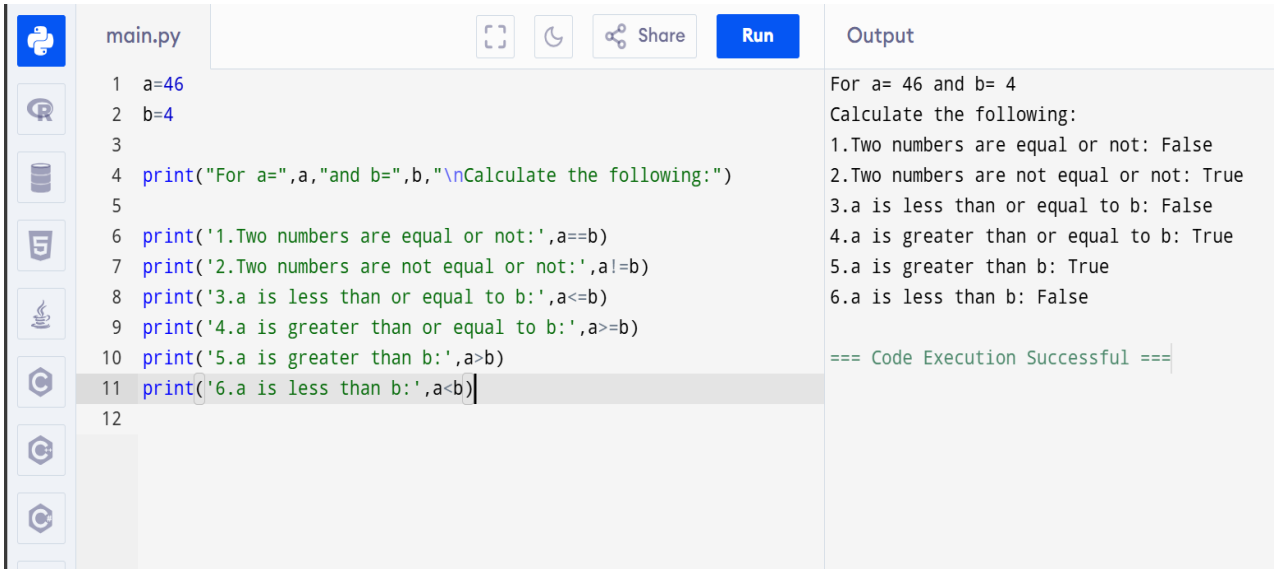
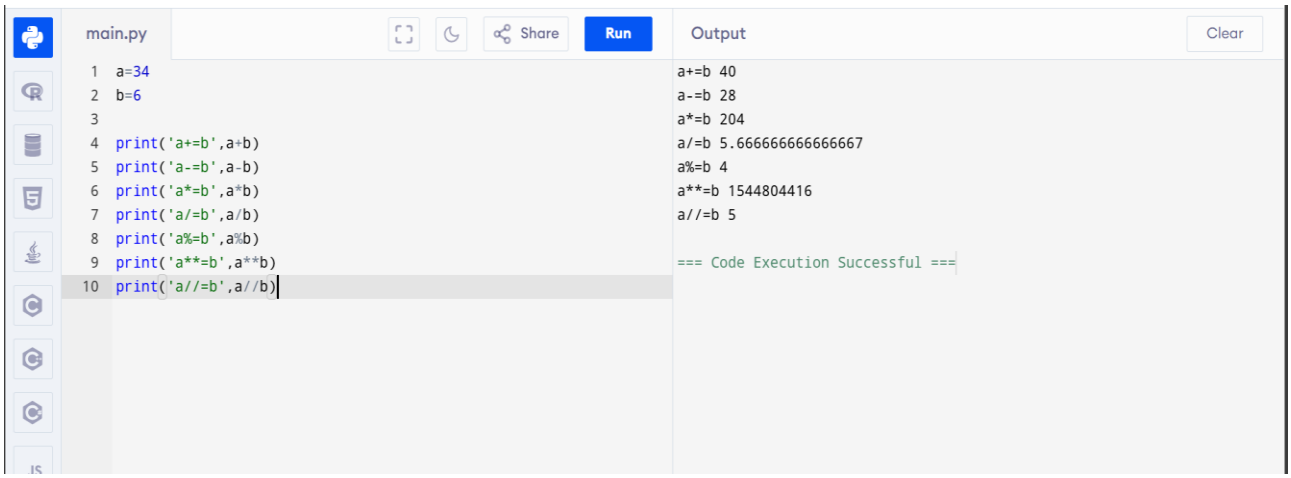
Arithmetic Operators



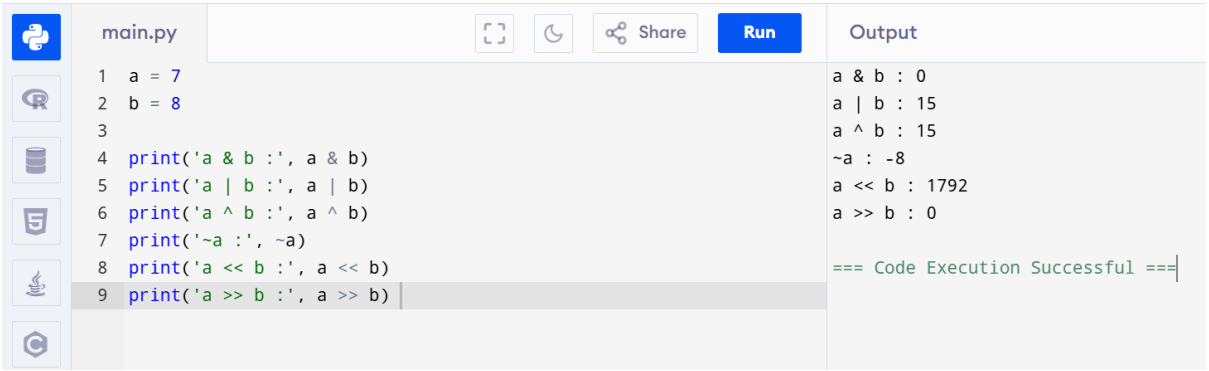
Comparison Operators



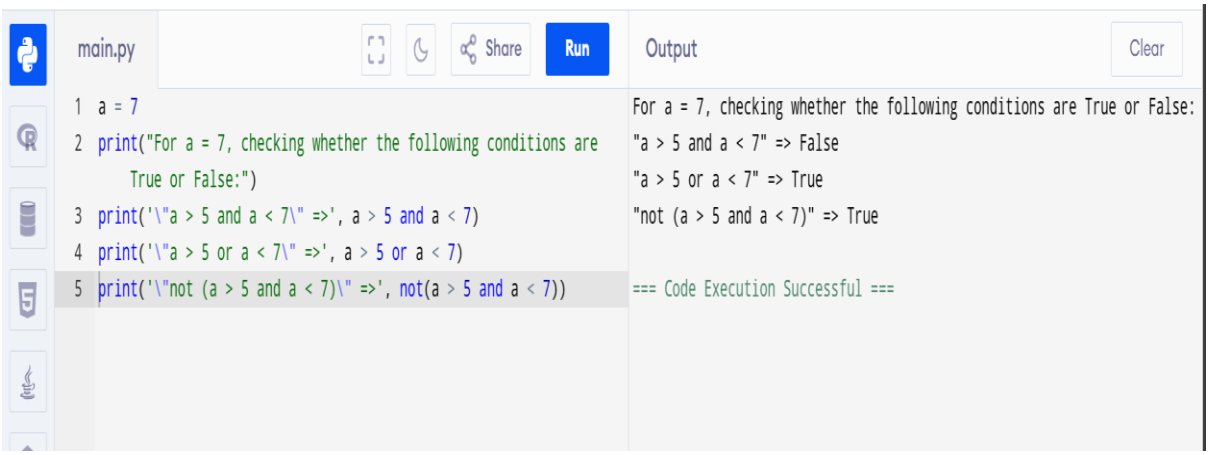
Assignment Operators



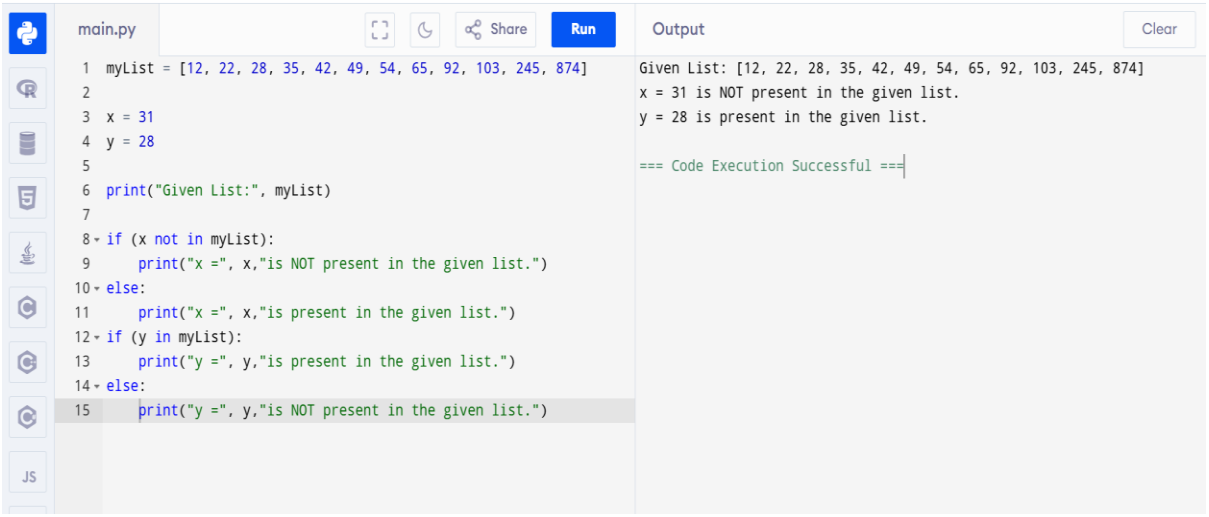
Bitwise Operators



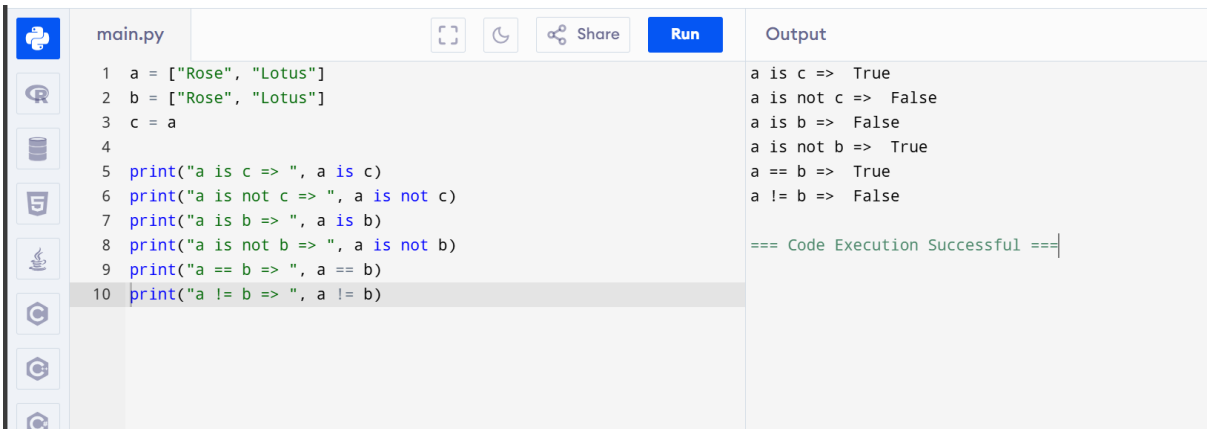
Logical Operators



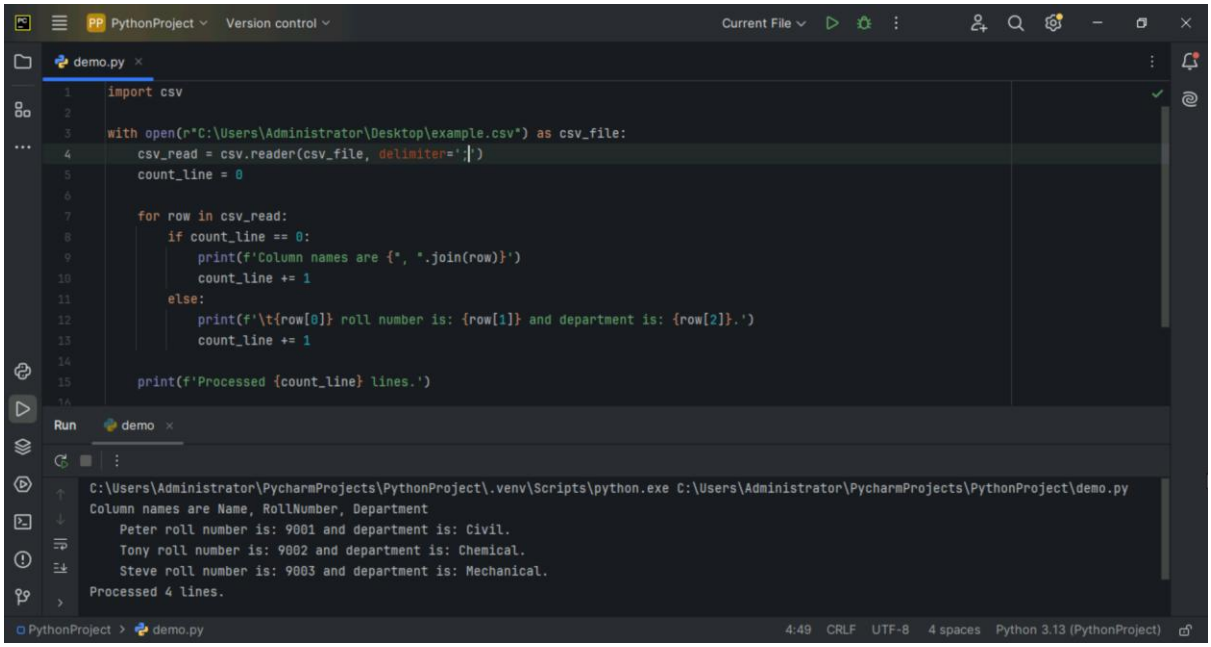
Membership Operators



Identity Operators

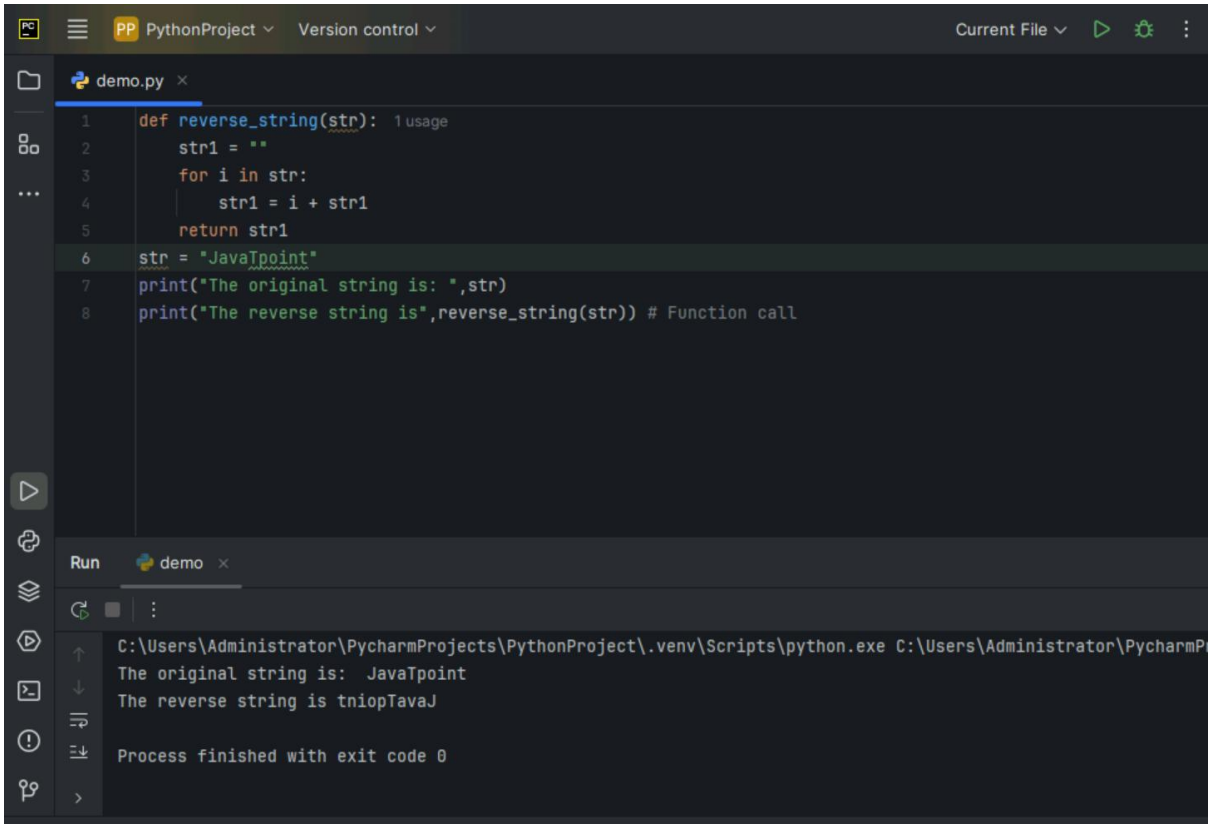


How to read CSV file in python?

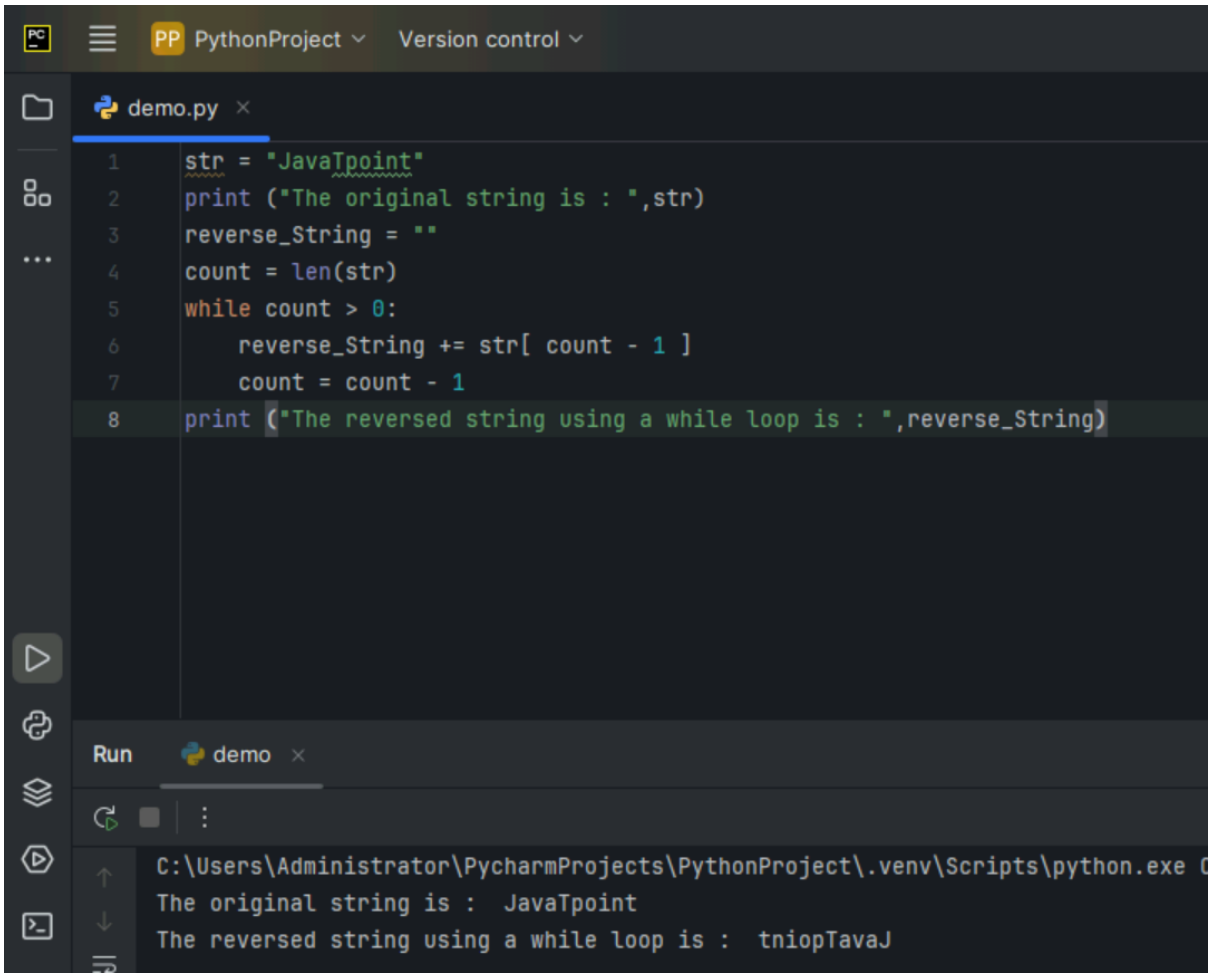


How to reverse a string in Python?

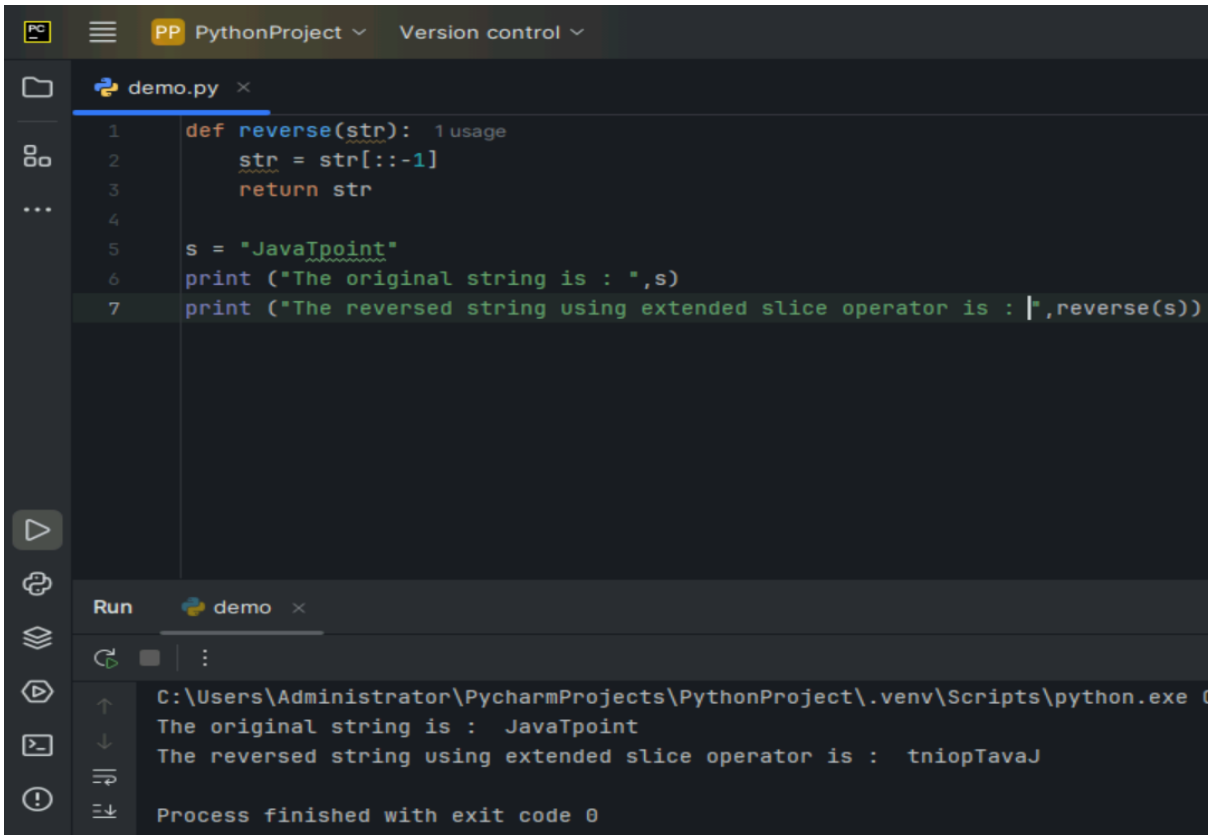
Using for loop



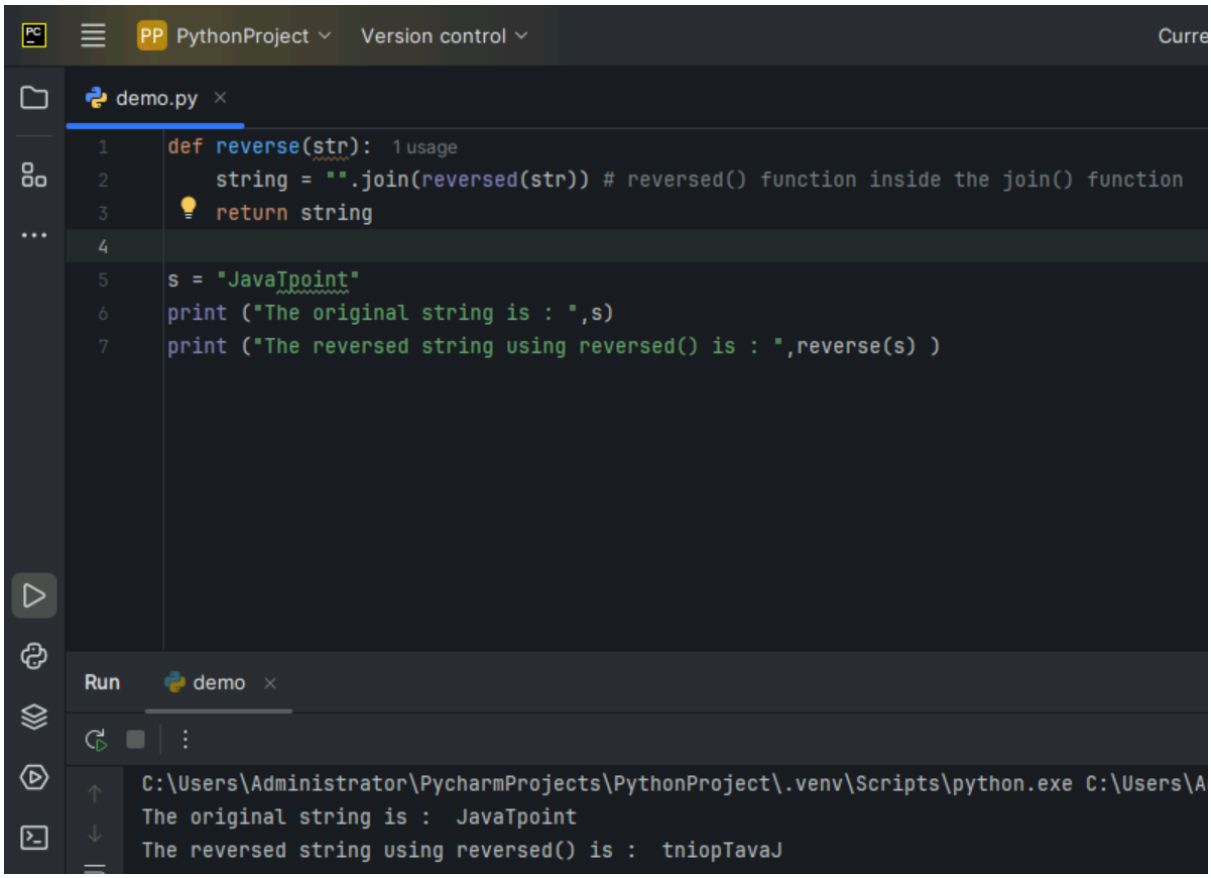
Using while loop



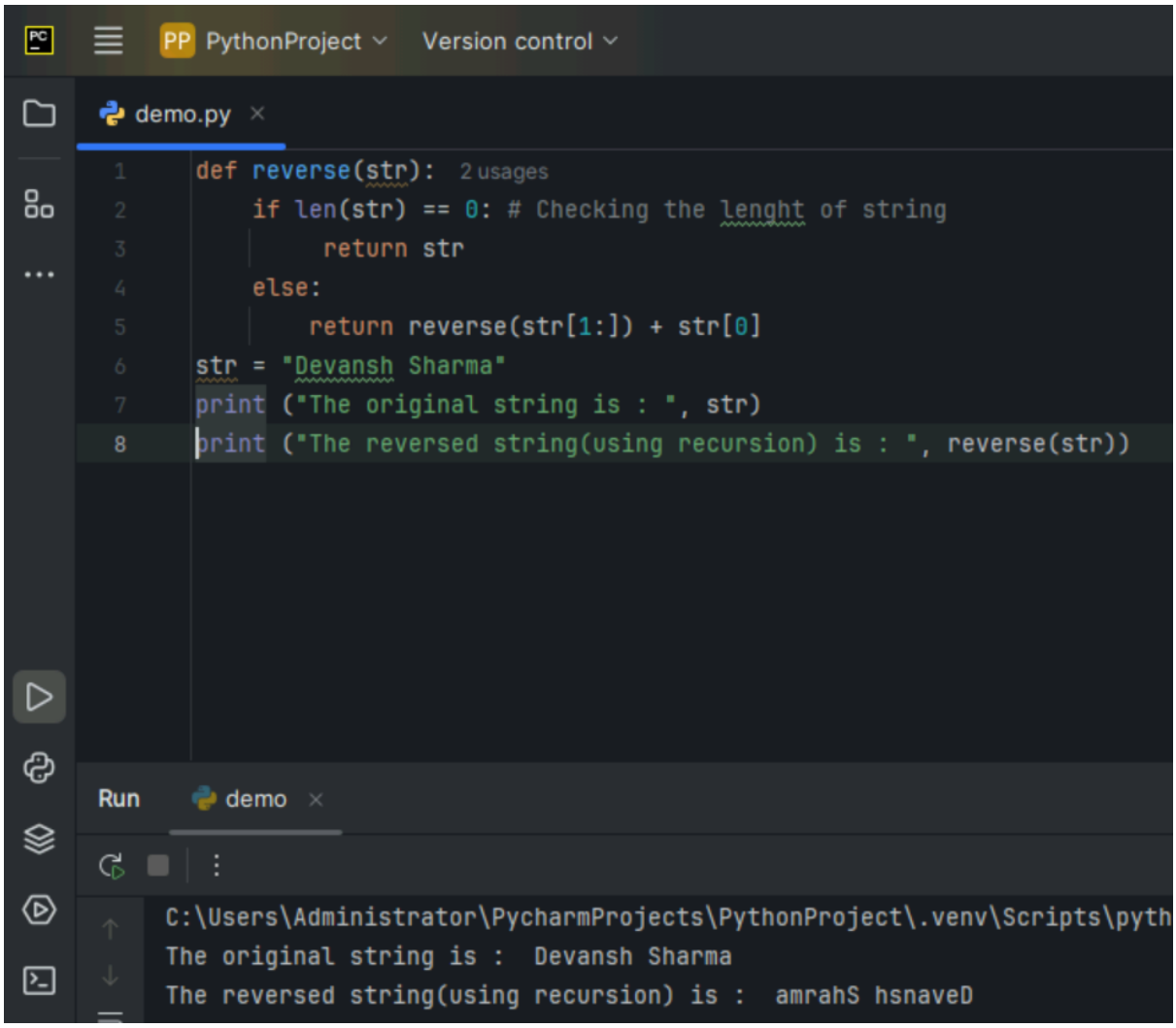
Using the slice ([]) operator



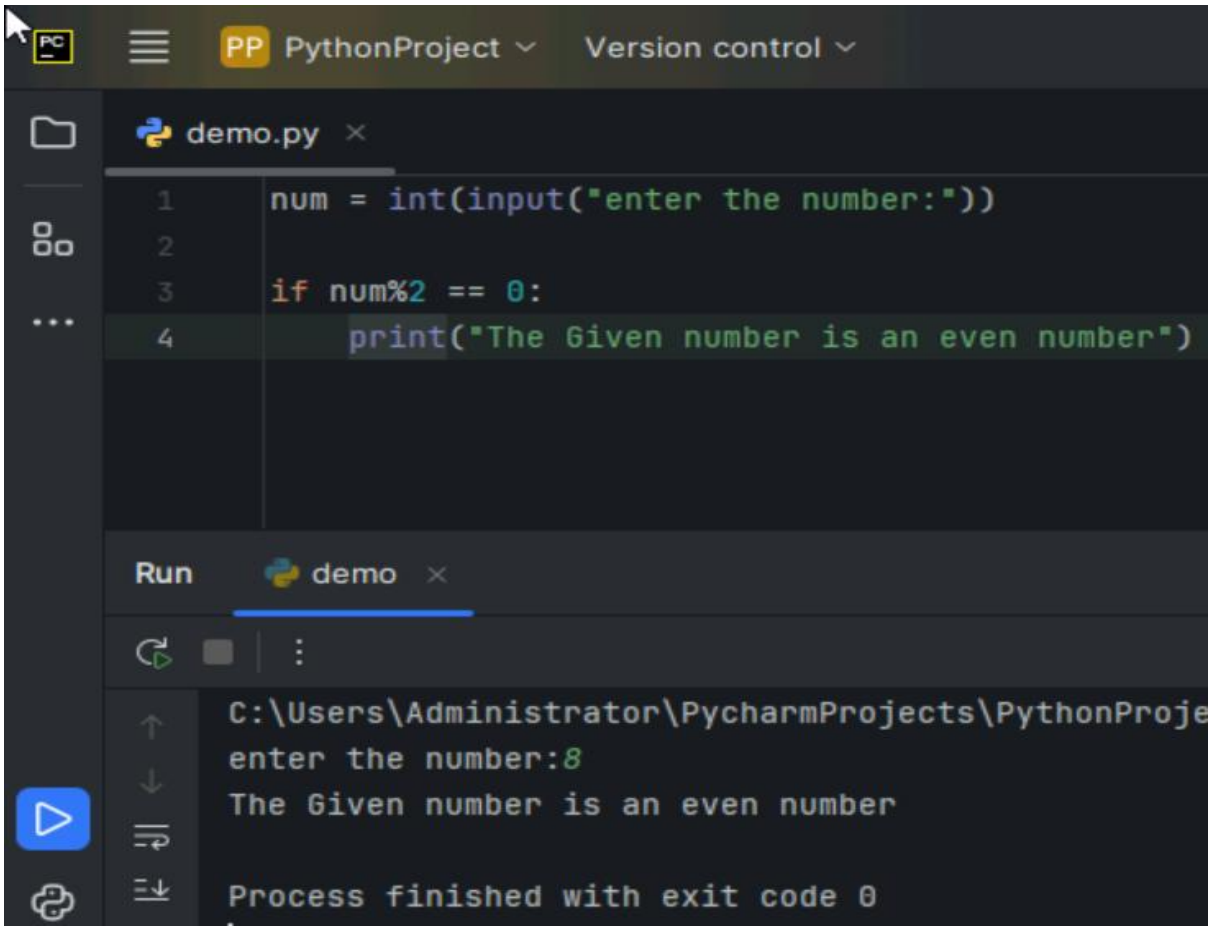
Using reverse function with join



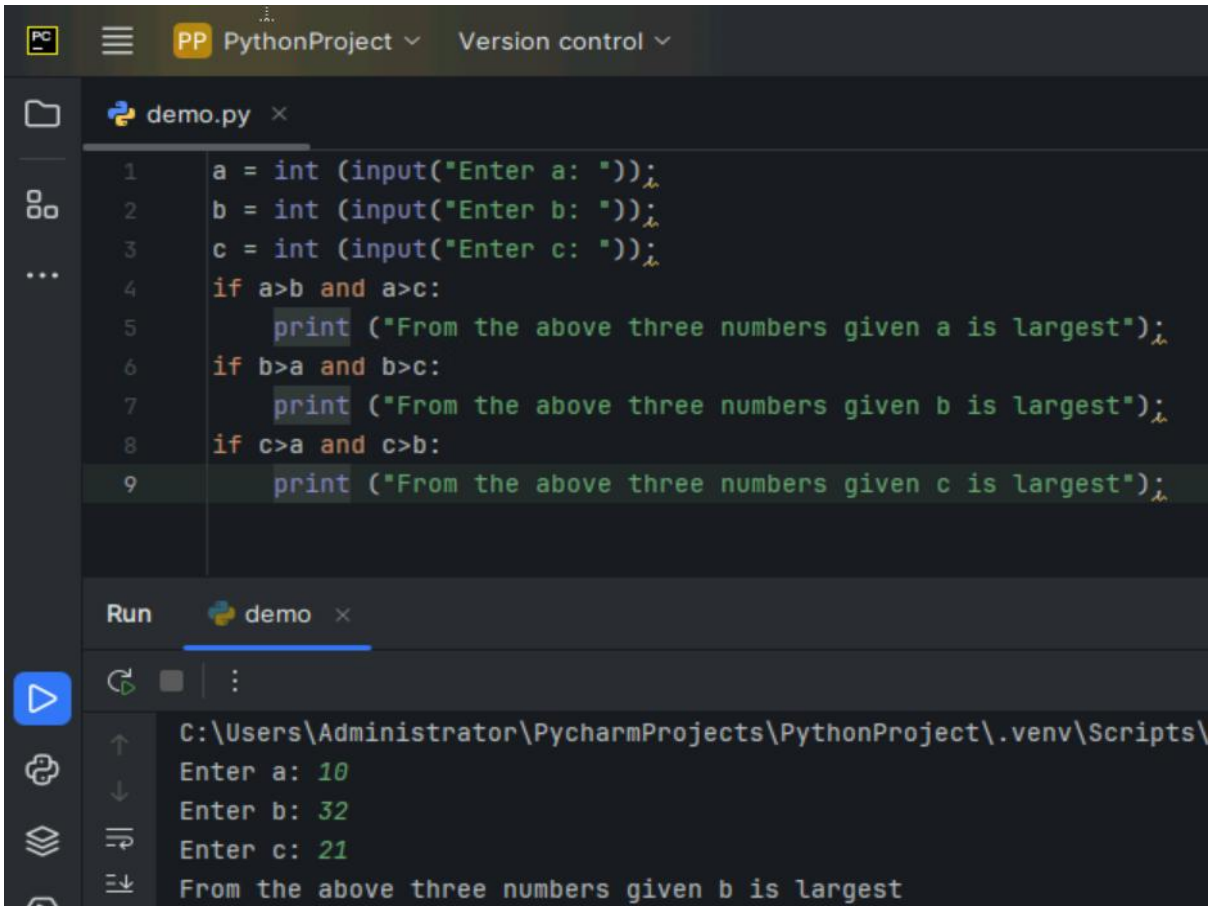
Using recursion()



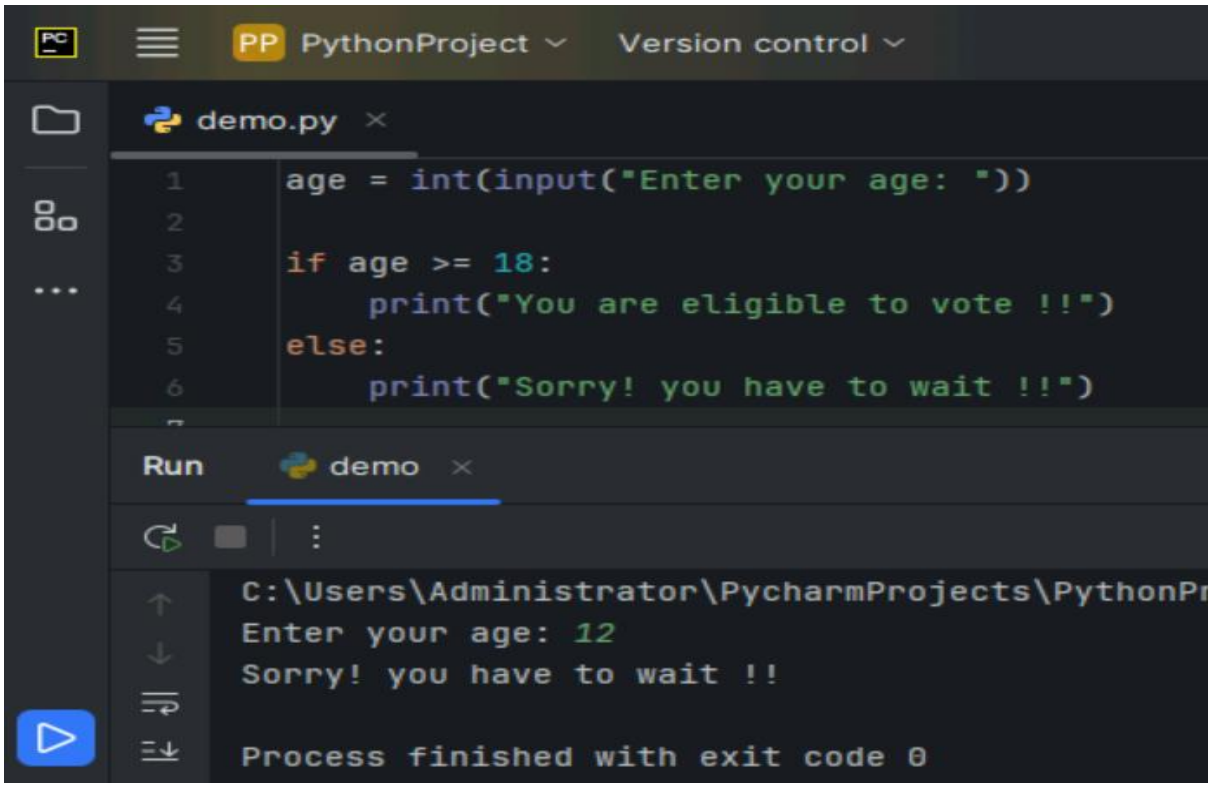
Basic if conditions



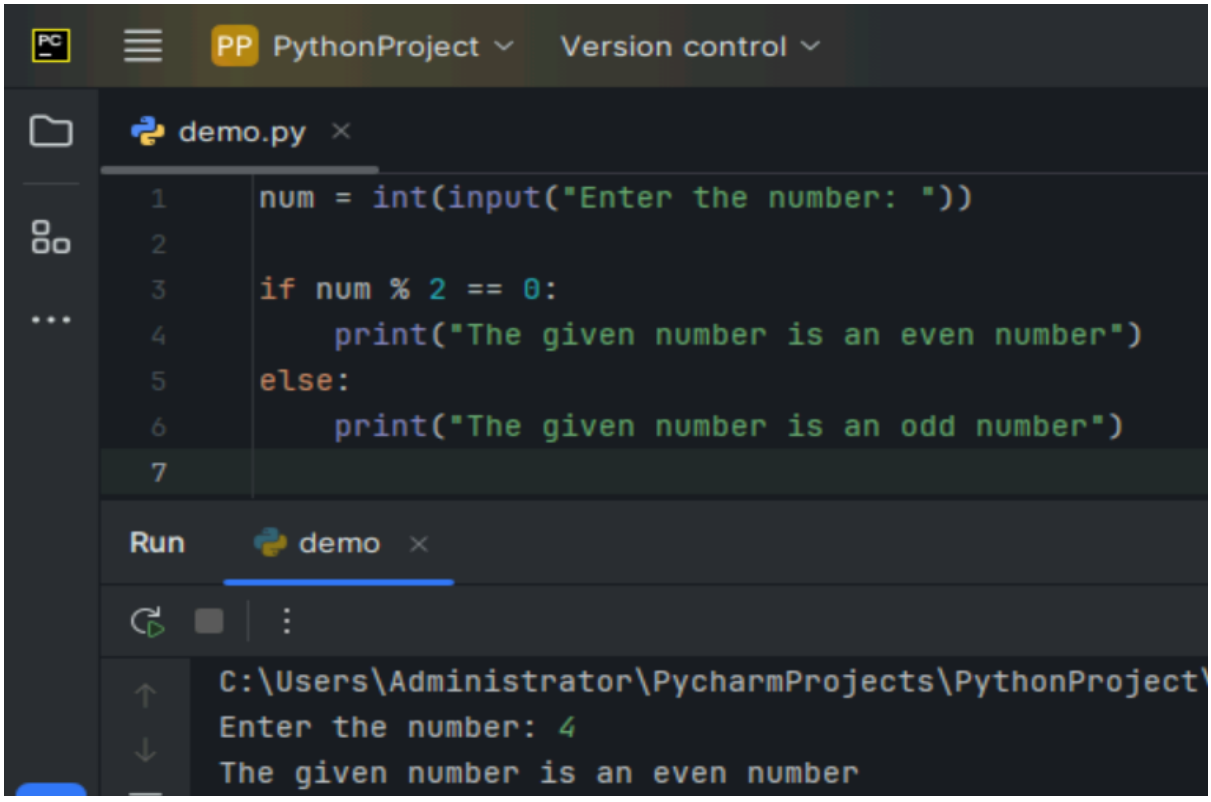
Program to print largest of three numbers



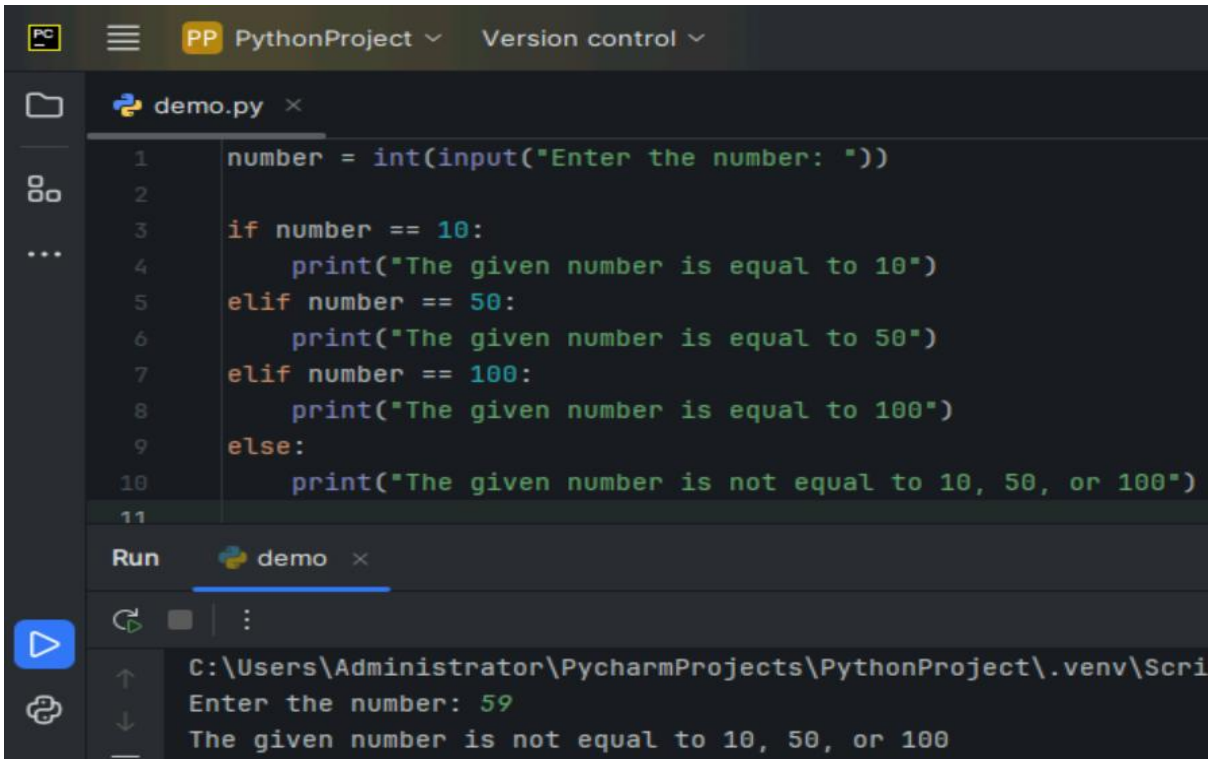
Program to check eligibility of voters



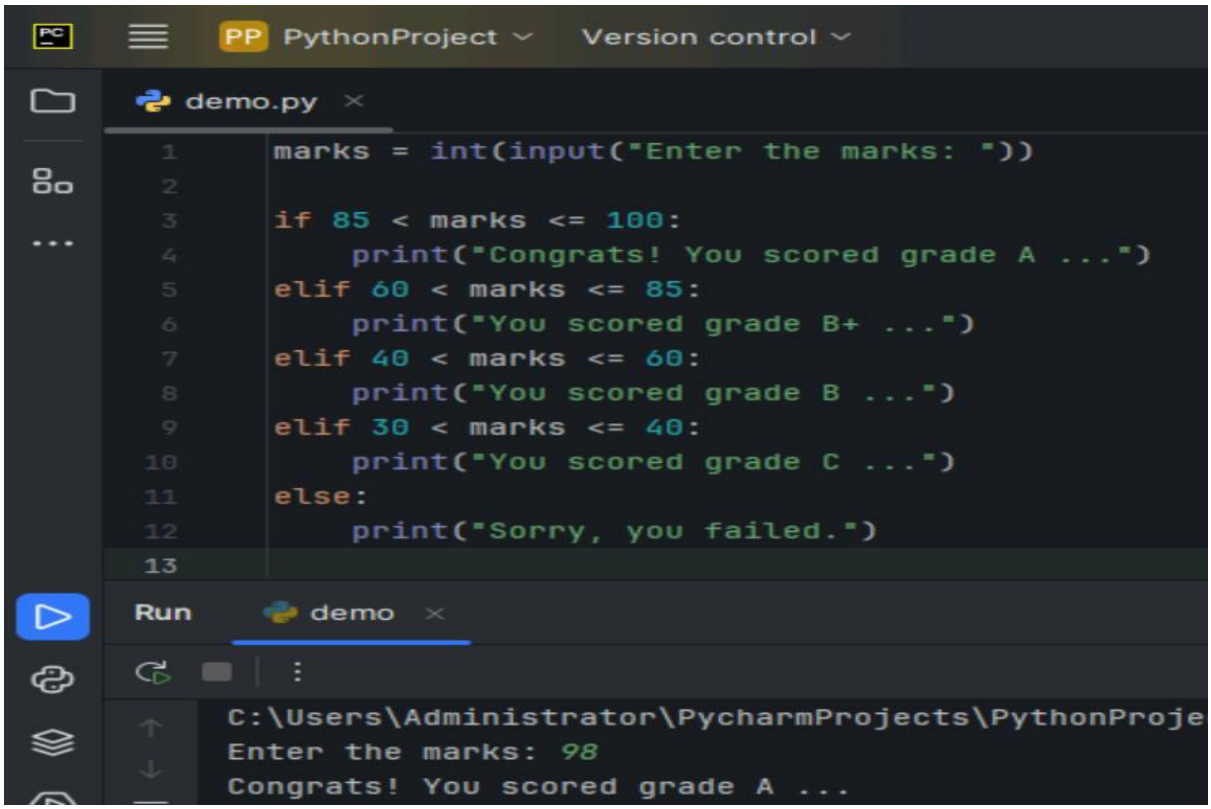
Program to check odd/even number



Elif basic program

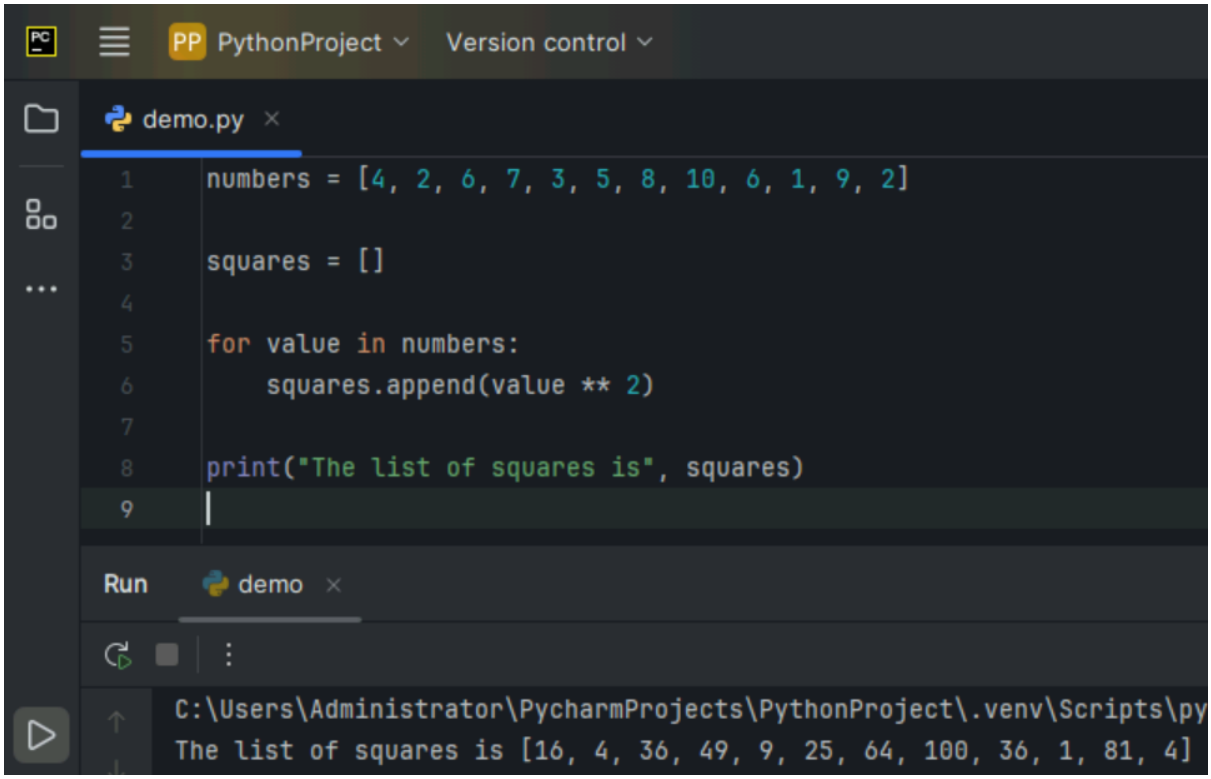


Q

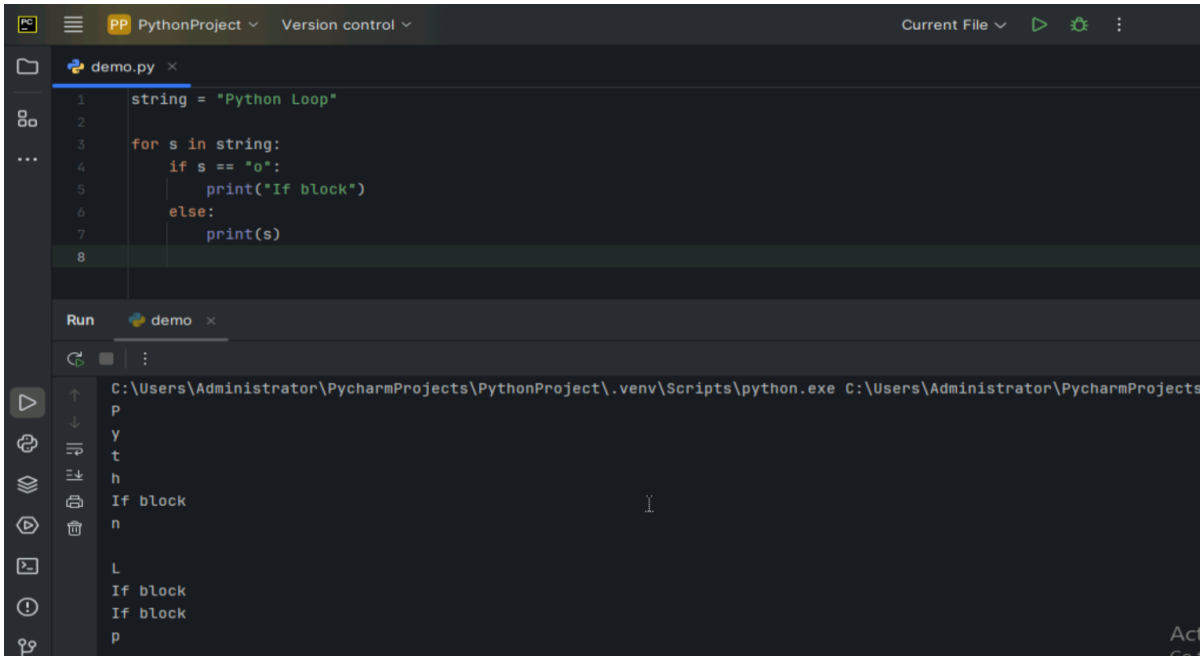


LOOPS

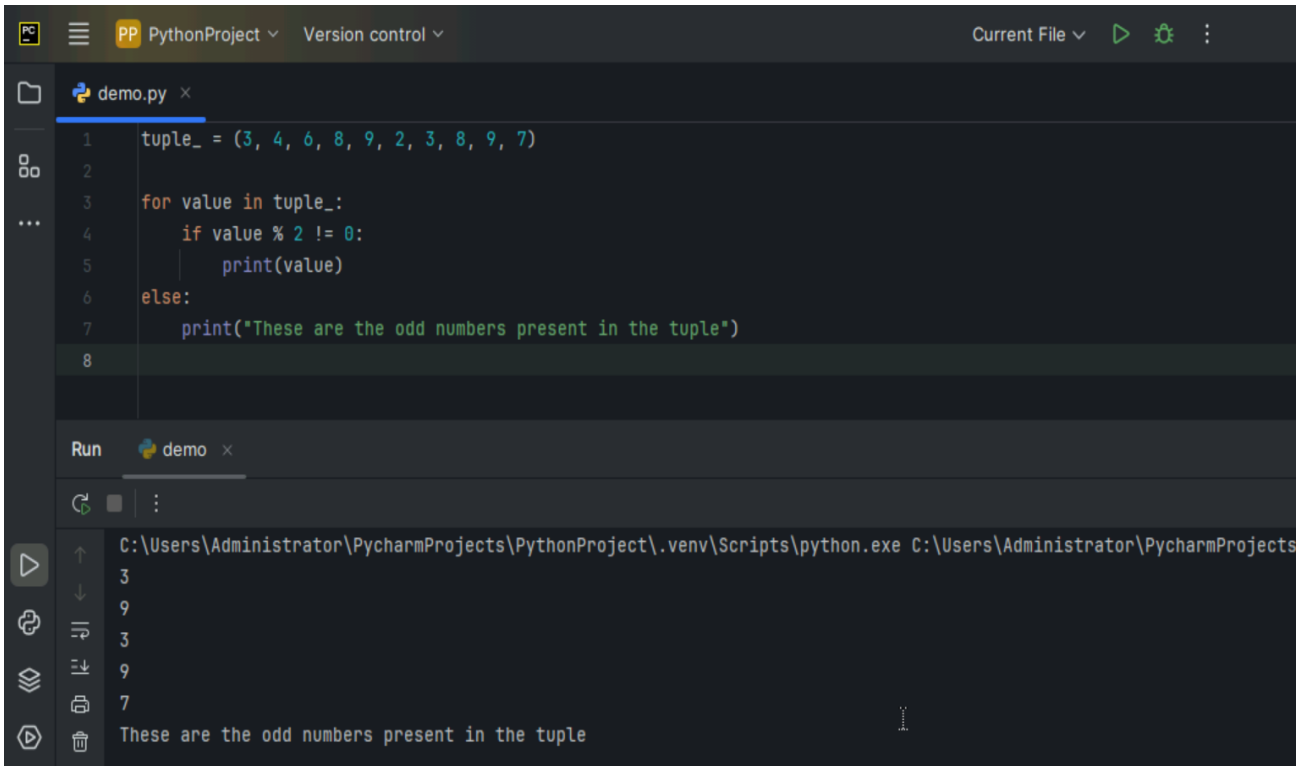
Working of for loop



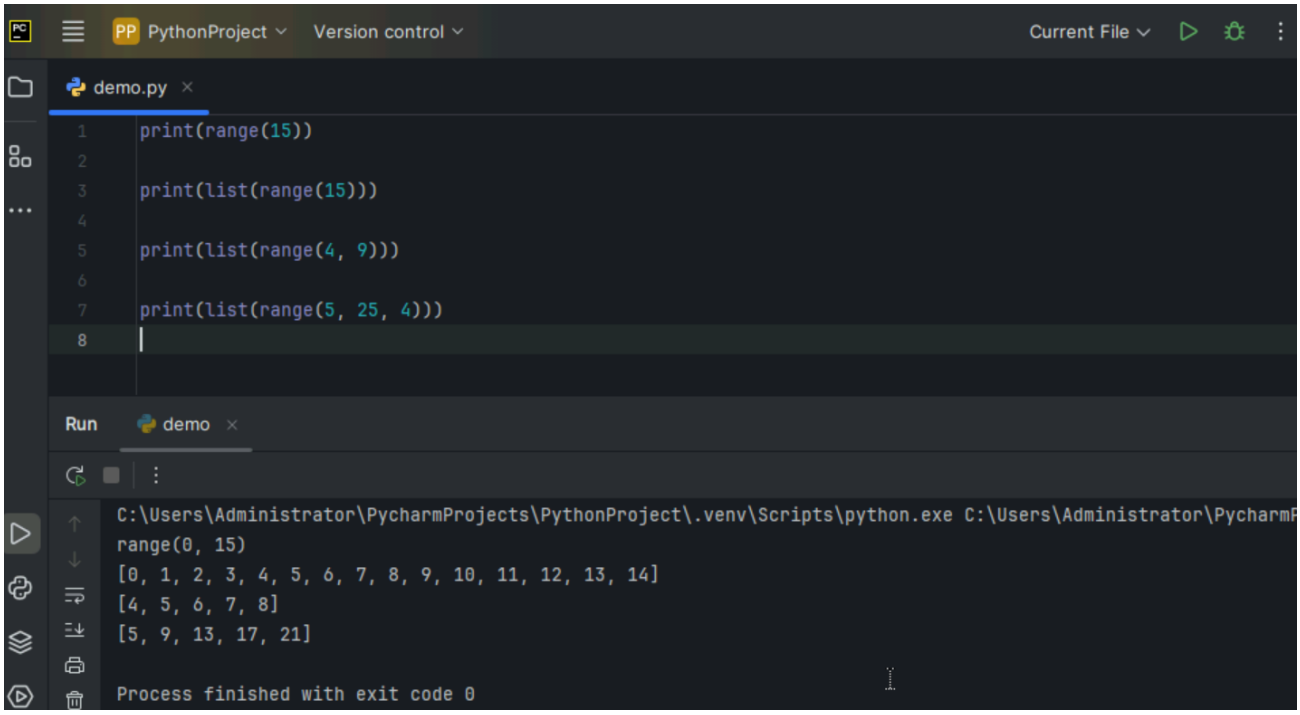
If-else in for loops



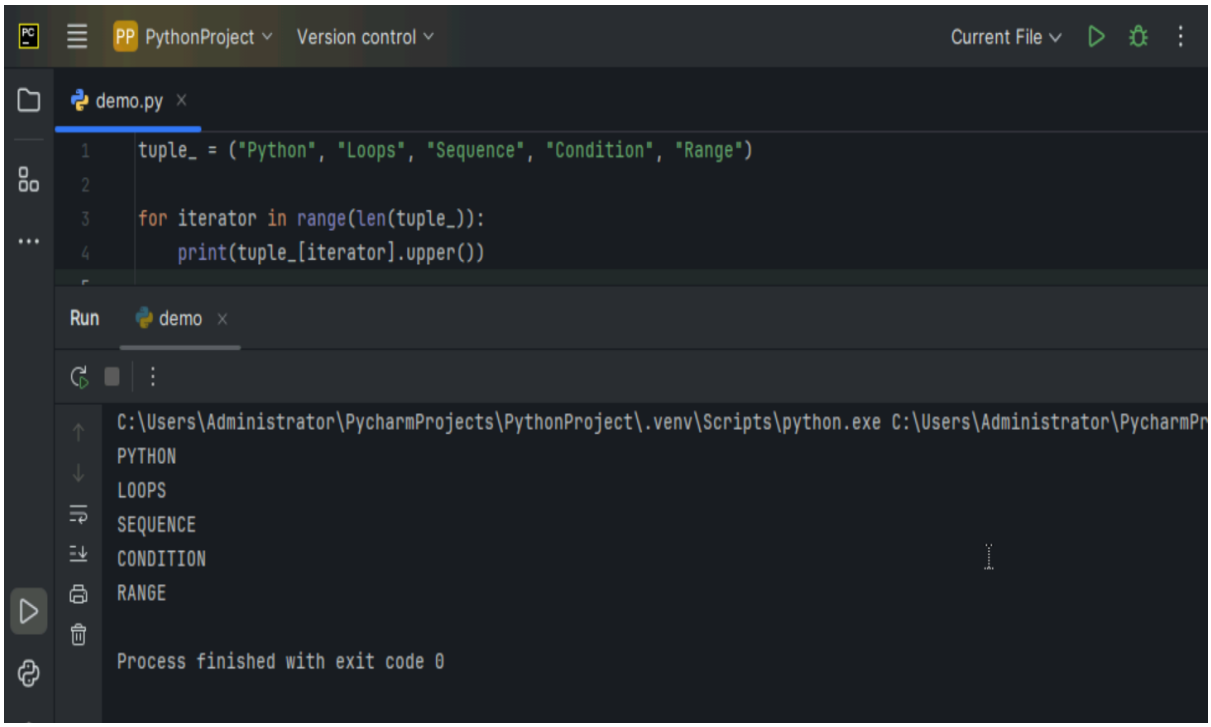
else in for loop



working of range function

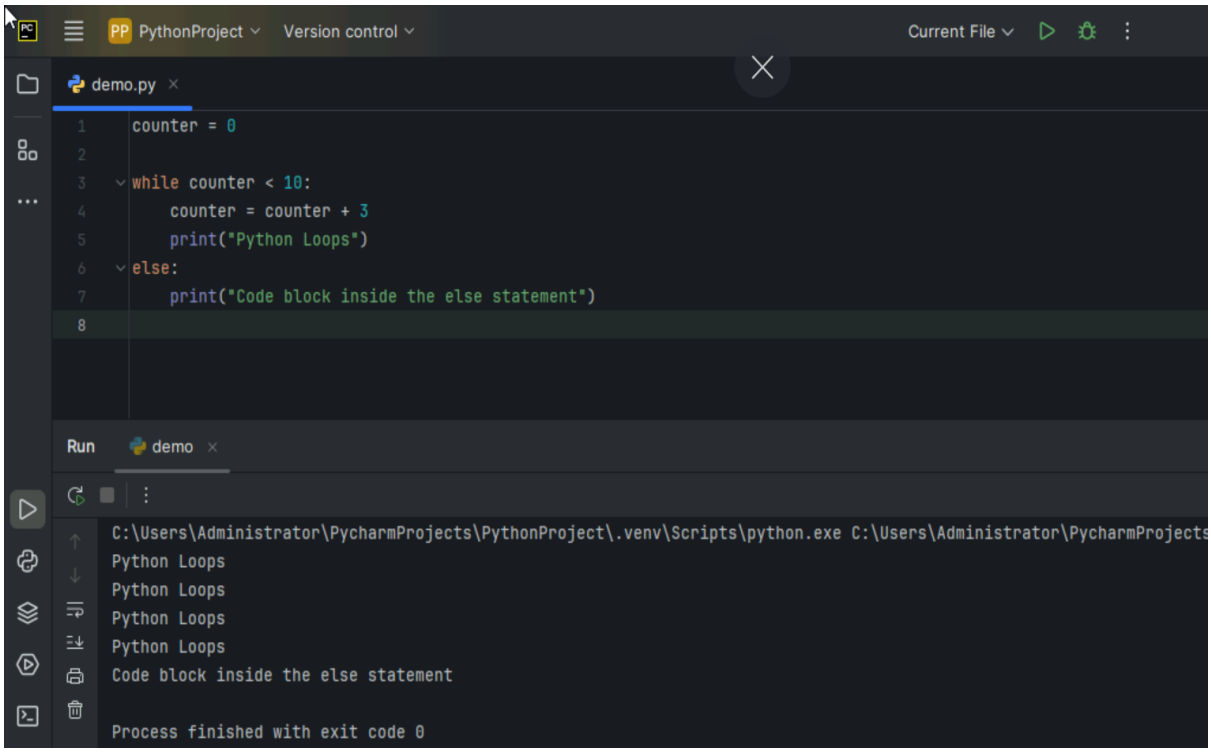


Indexing in for loop

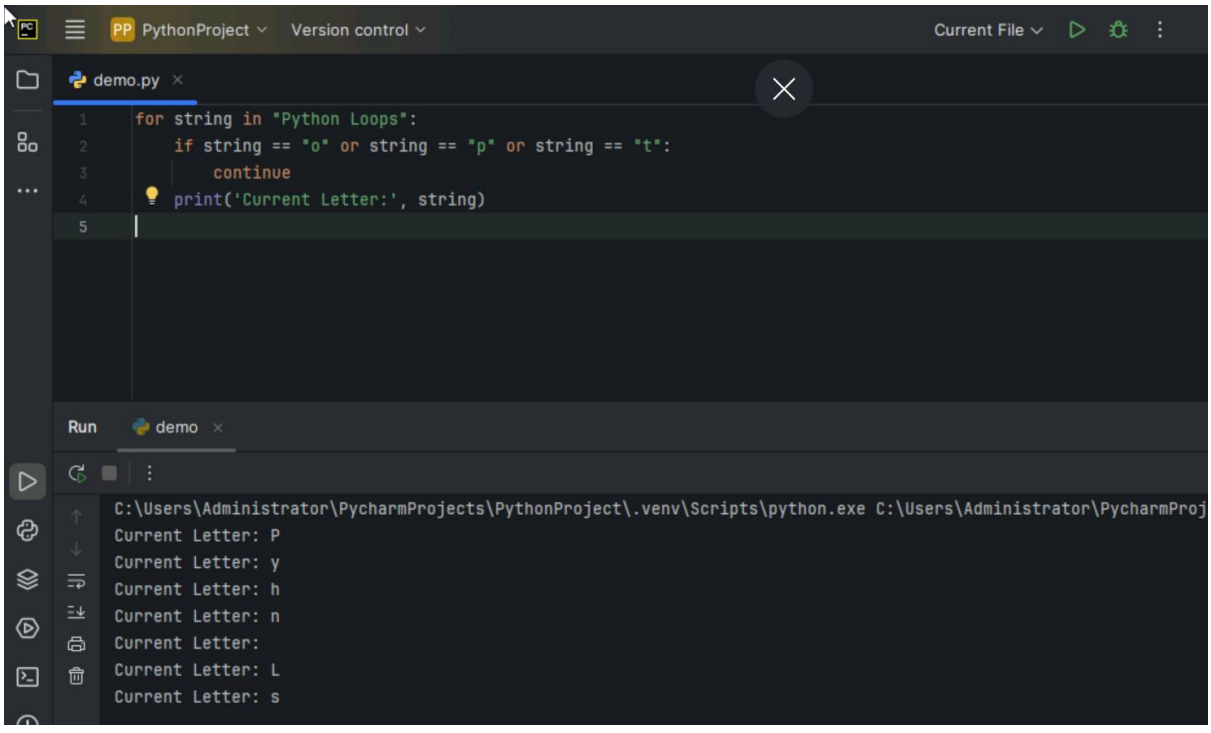


While loop counter

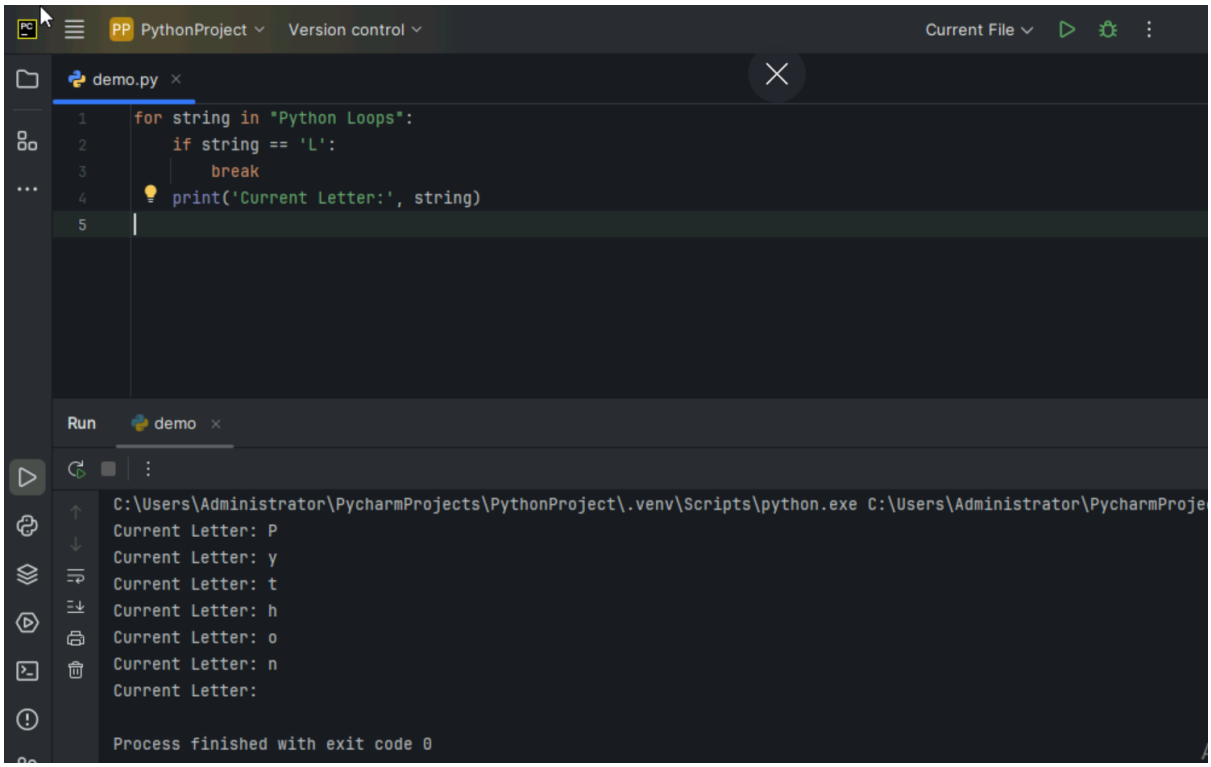
Else statement in while loop



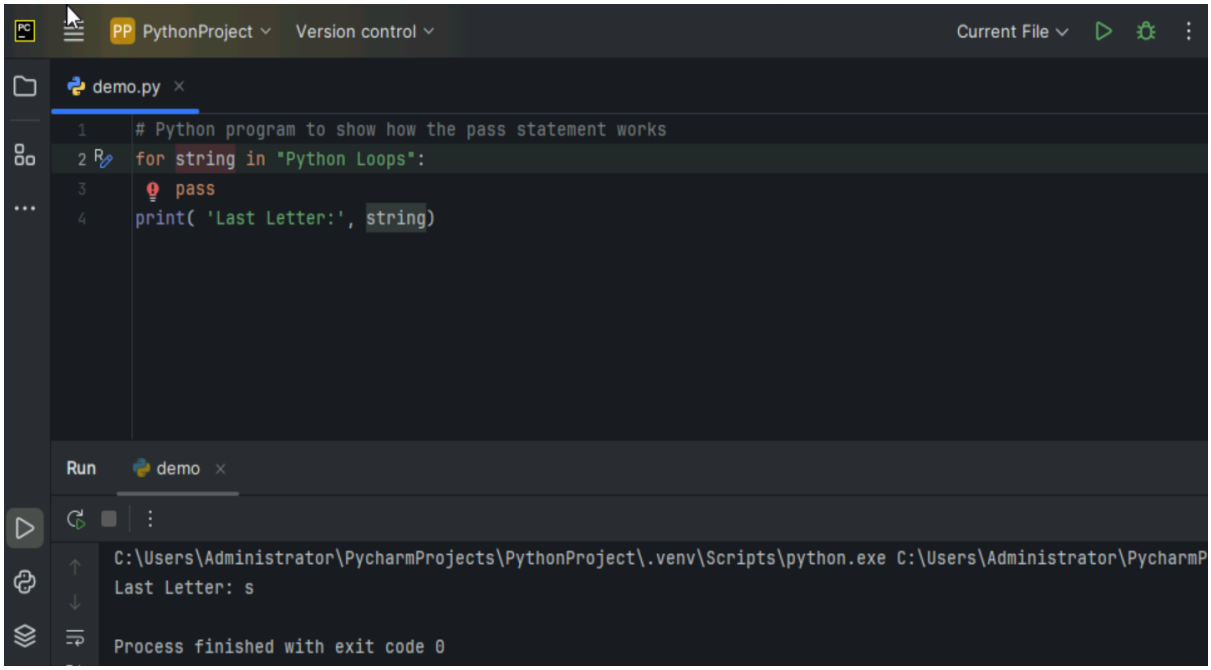
Working of Continue statement



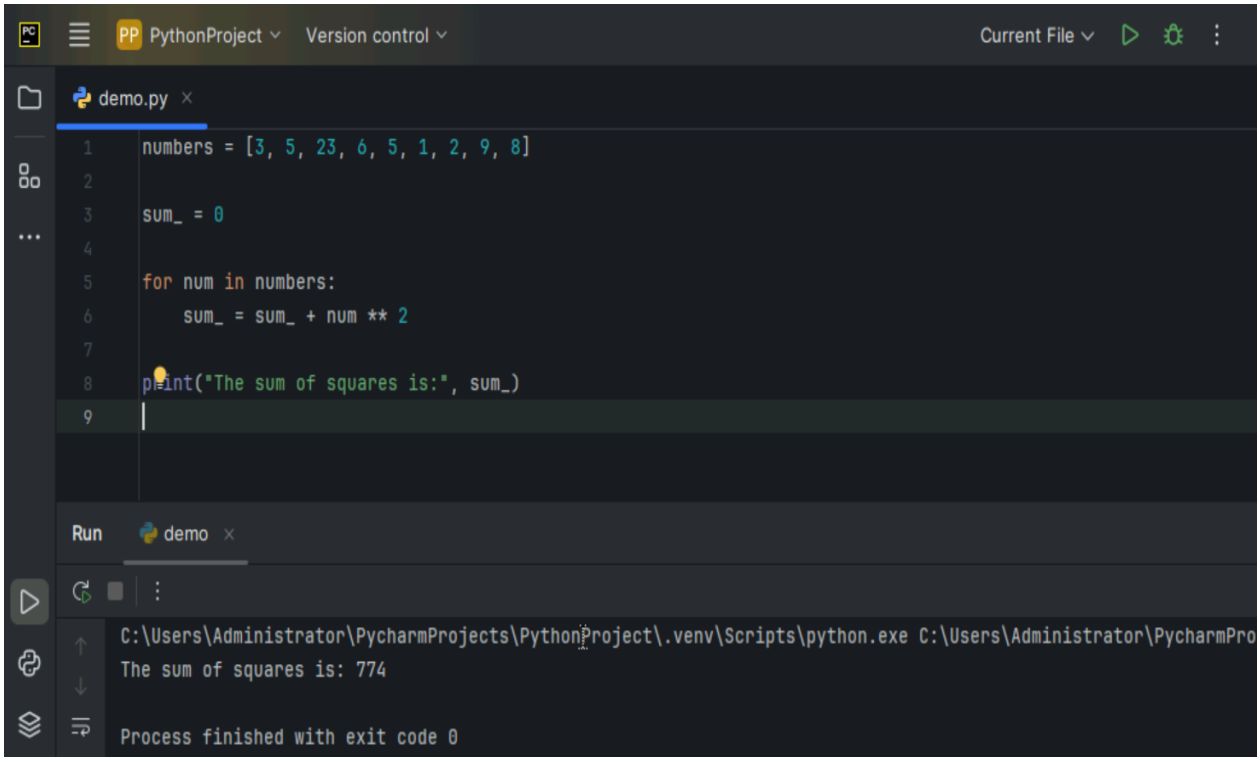
Working of break statement



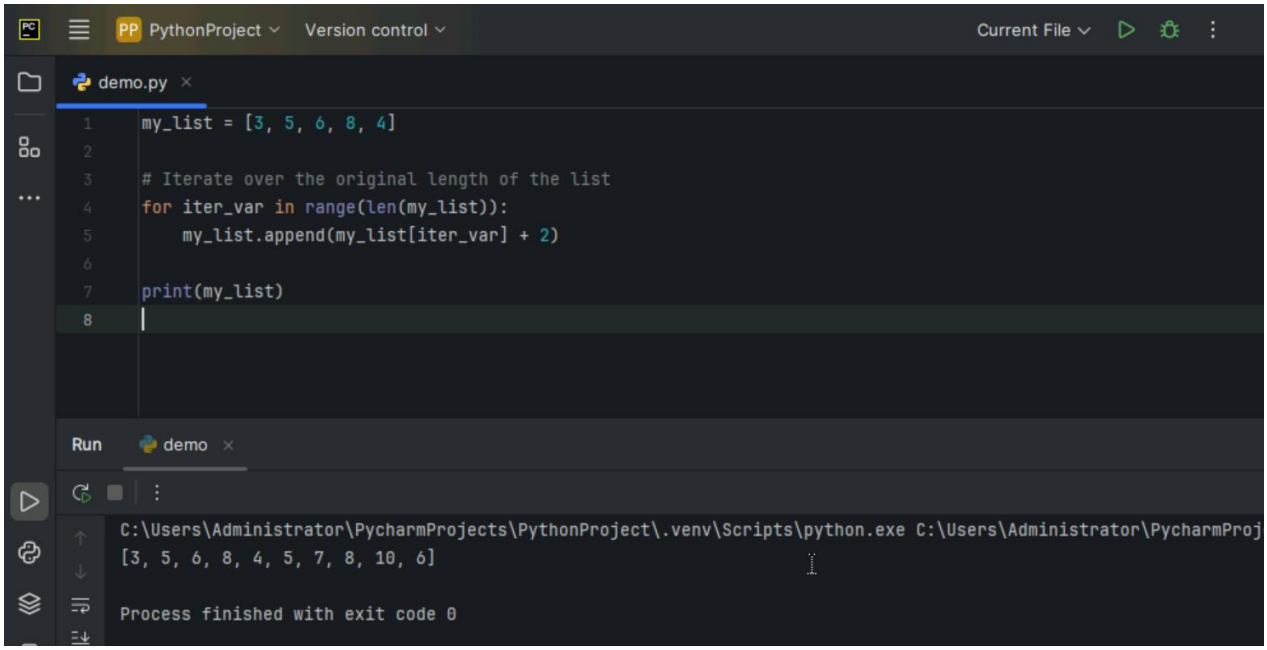
Working of pass statement



Sum of squares using for loop



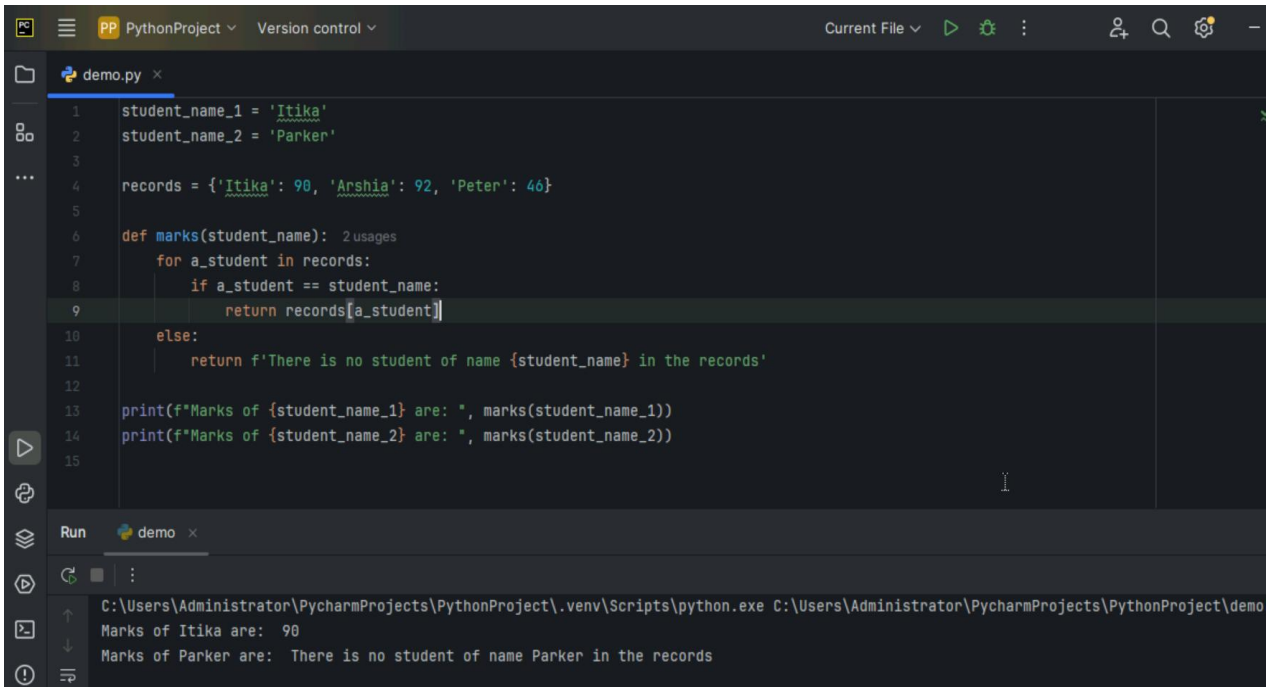
Creating a list using range()



Q

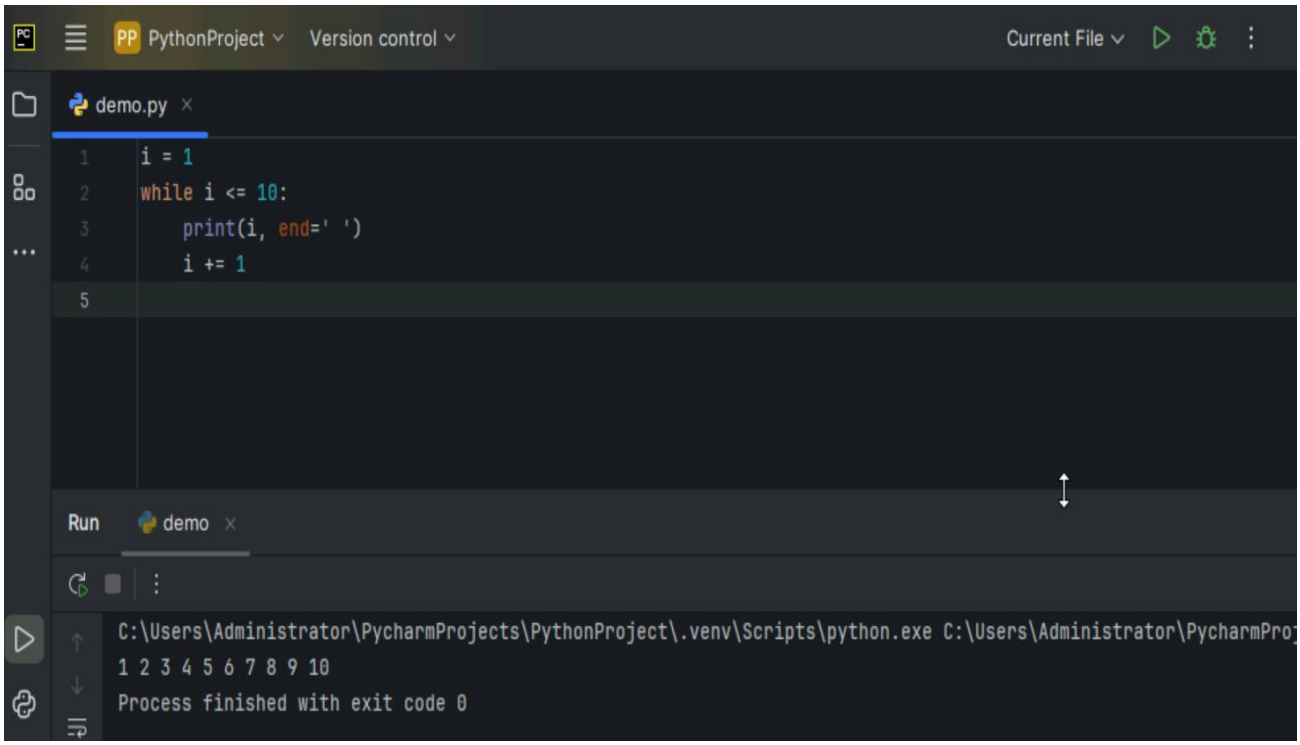

PythonProject
Version control
Current File
demo.py
numbers = [3, 5, 23, 6, 5, 1, 2, 9, 8]
sum_ = 0
for num in range(len(numbers)):
sum_ = sum_ + numbers[num] ** 2
print("The sum of squares is:", sum_)
Run
demo
C:\Users\Administrator\PycharmProjects\PythonProject\.venv\Scripts\python.exe C:\Users\Administrator\PycharmPr
The sum of squares is: 774
Process finished with exit code 0

Q

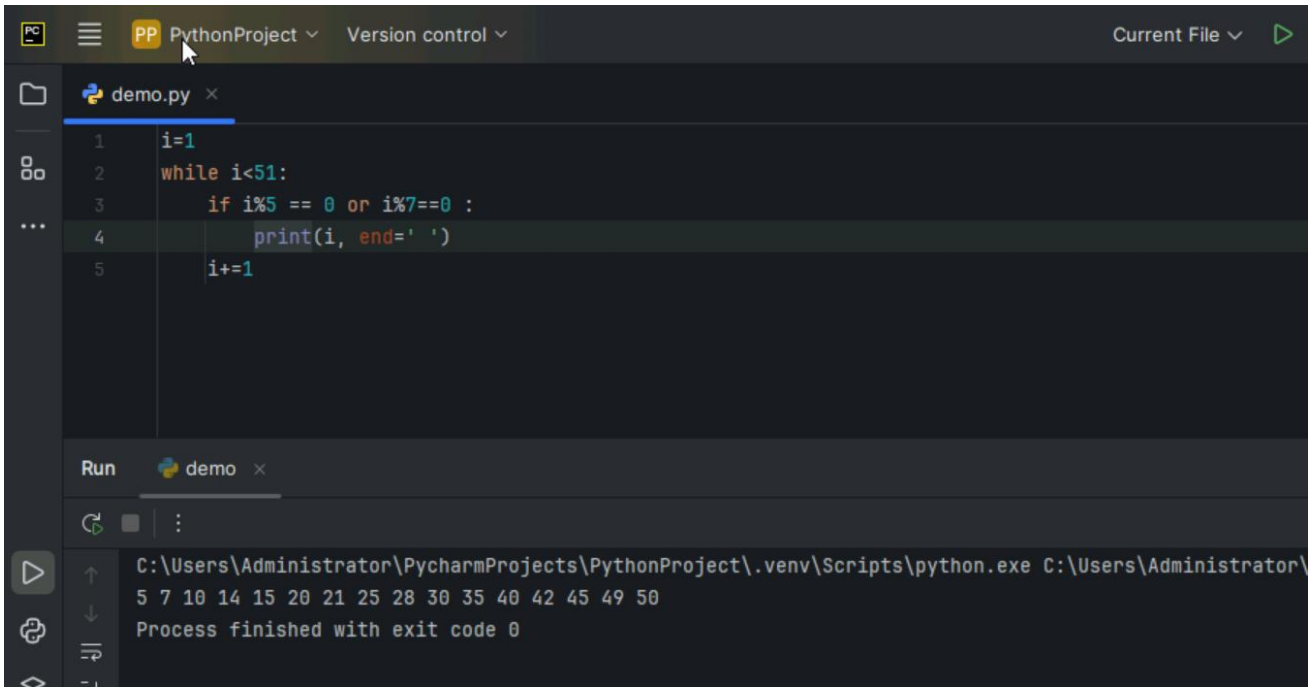

PythonProject
Version control
Current File
demo.py
student_name_1 = 'Itika'
student_name_2 = 'Parker'
records = {'Itika': 90, 'Arshia': 92, 'Peter': 46}
def marks(student_name): 2 usages
for a_student in records:
if a_student == student_name:
return records[a_student]
else:
return f'There is no student of name {student_name} in the records'
print(f"Marks of {student_name_1} are: ", marks(student_name_1))
print(f"Marks of {student_name_2} are: ", marks(student_name_2))
Run
demo
C:\Users\Administrator\PycharmProjects\PythonProject\.venv\Scripts\python.exe C:\Users\Administrator\PycharmProjects\PythonProject\demo
Marks of Itika are: 90
Marks of Parker are: There is no student of name Parker in the records

Nested loops

While loop

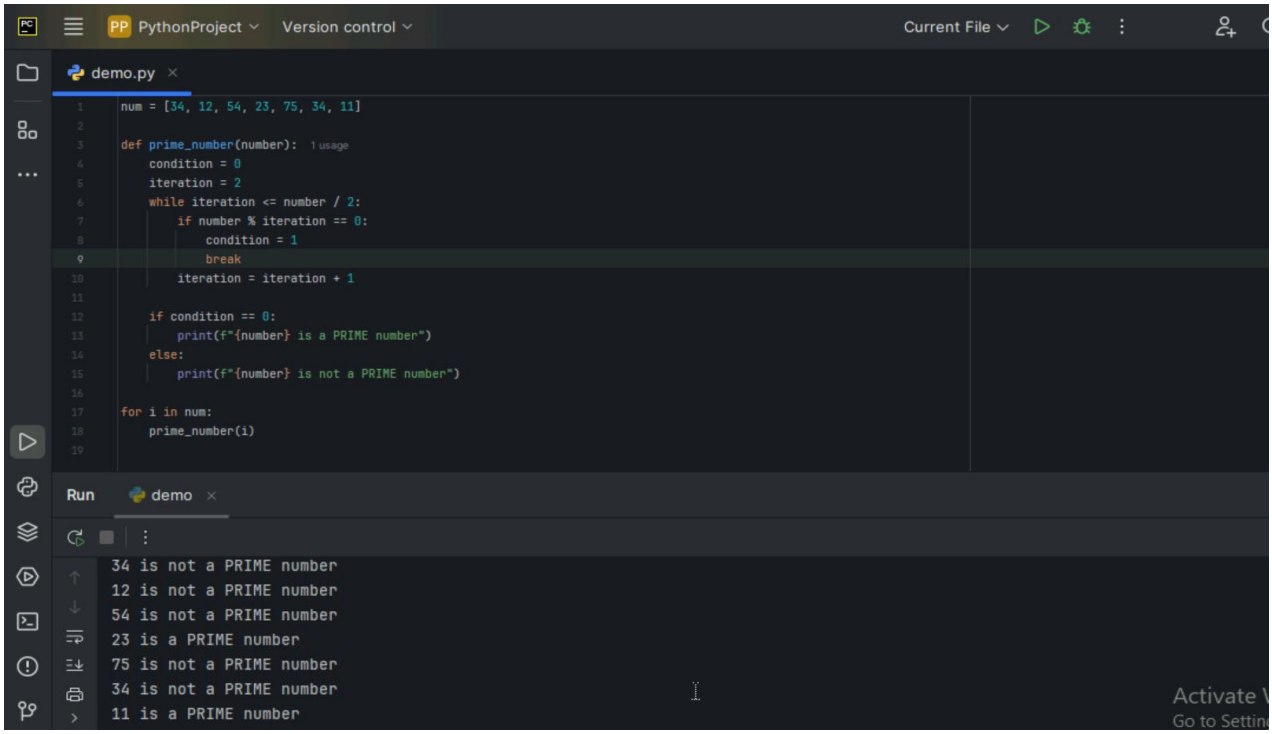


While loop with coditions

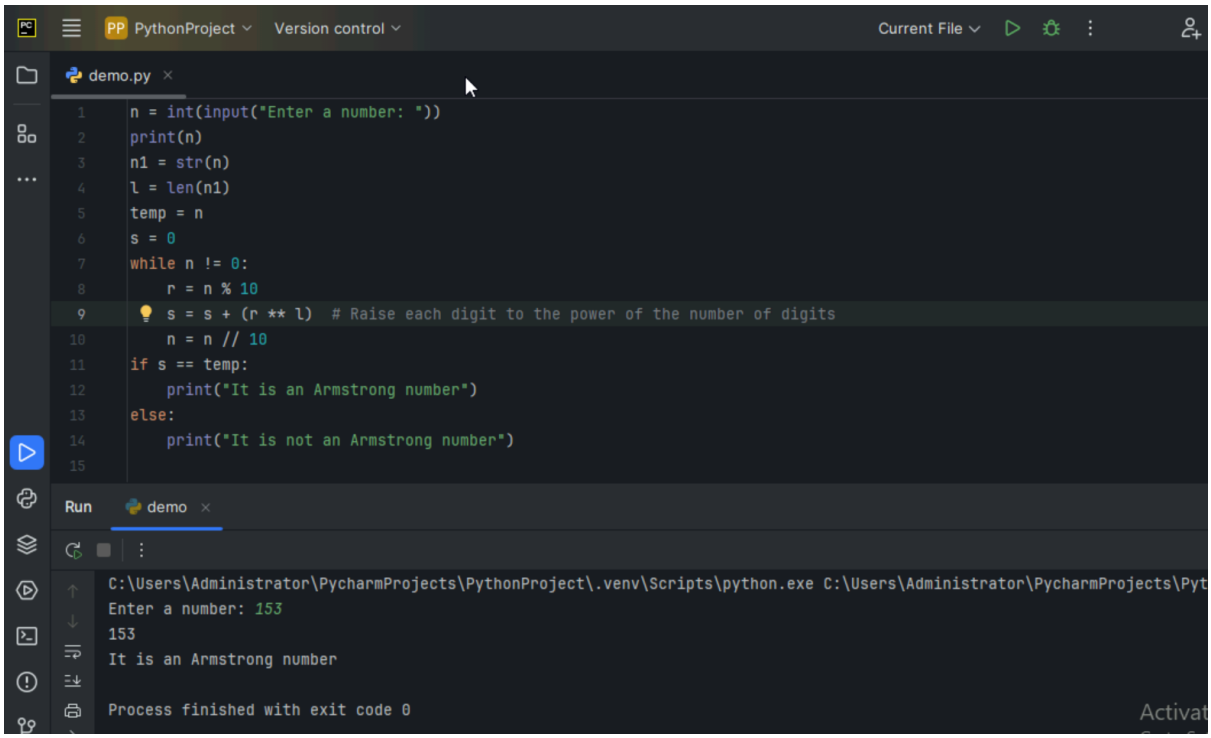


Summation

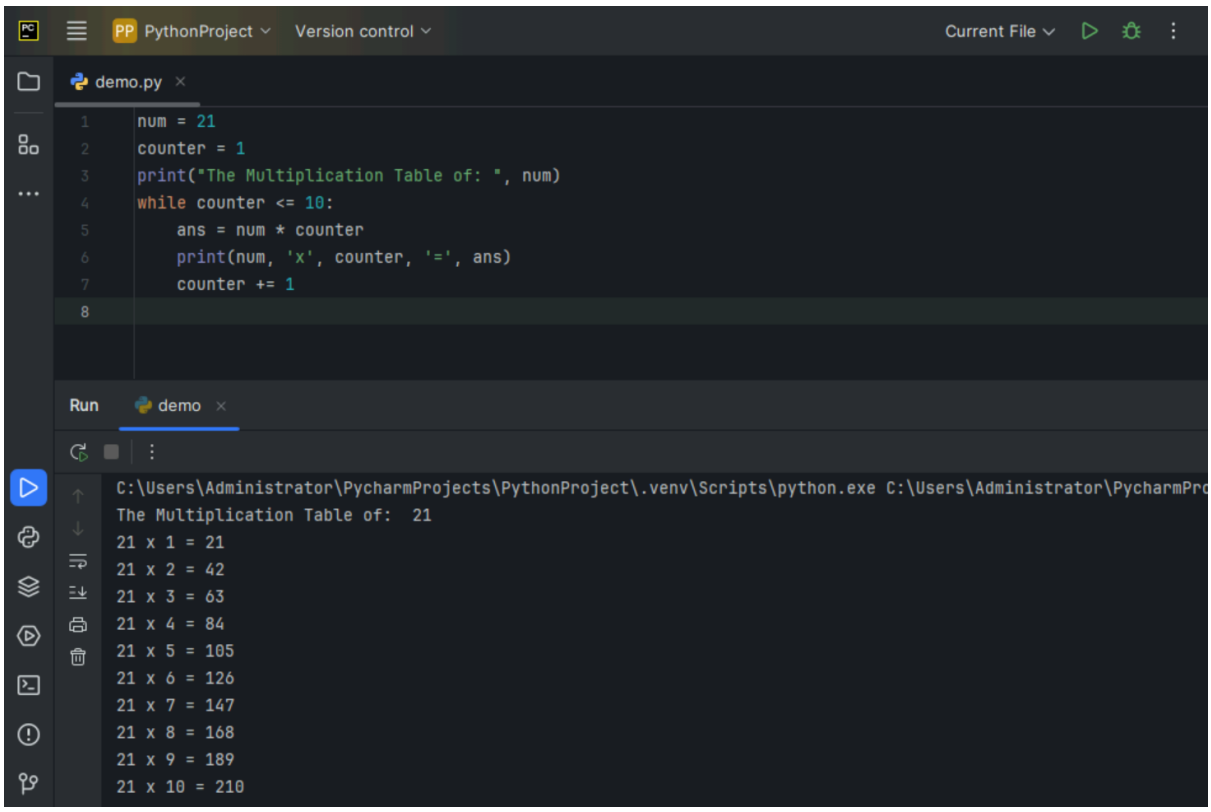
Prime number via while loop



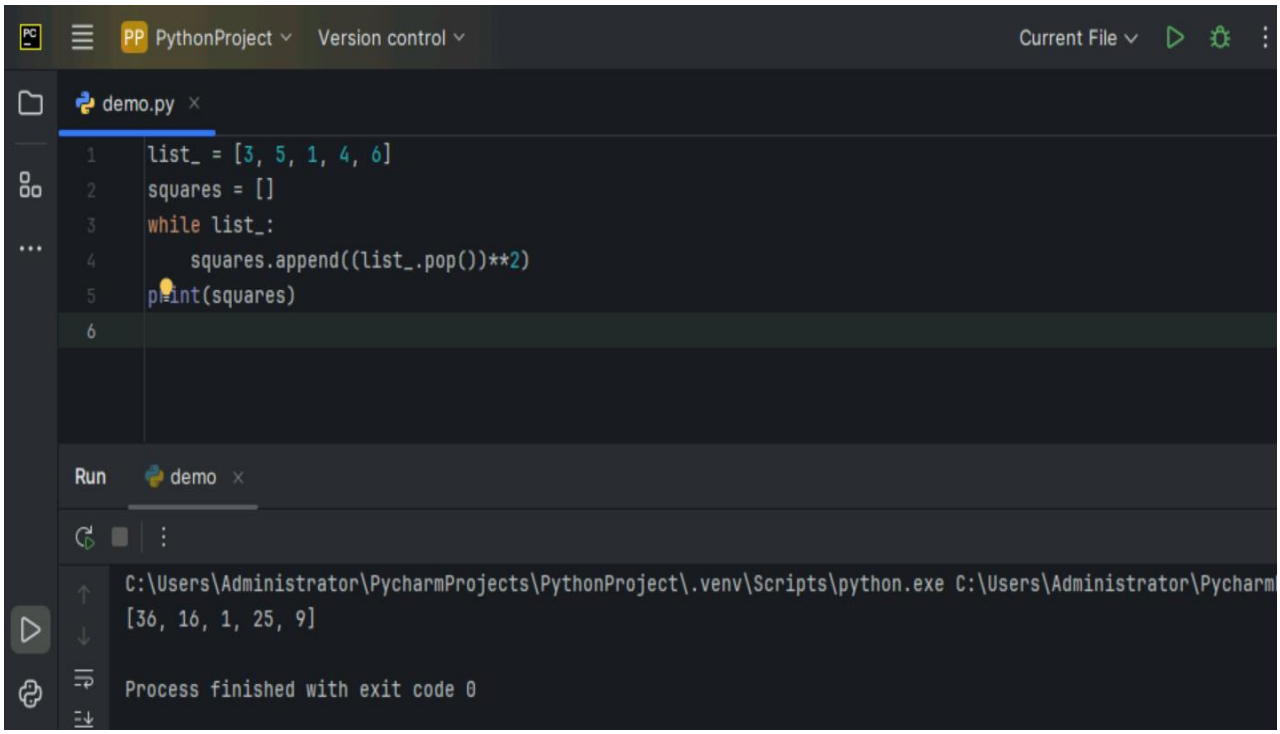
Armstrong number using while loop



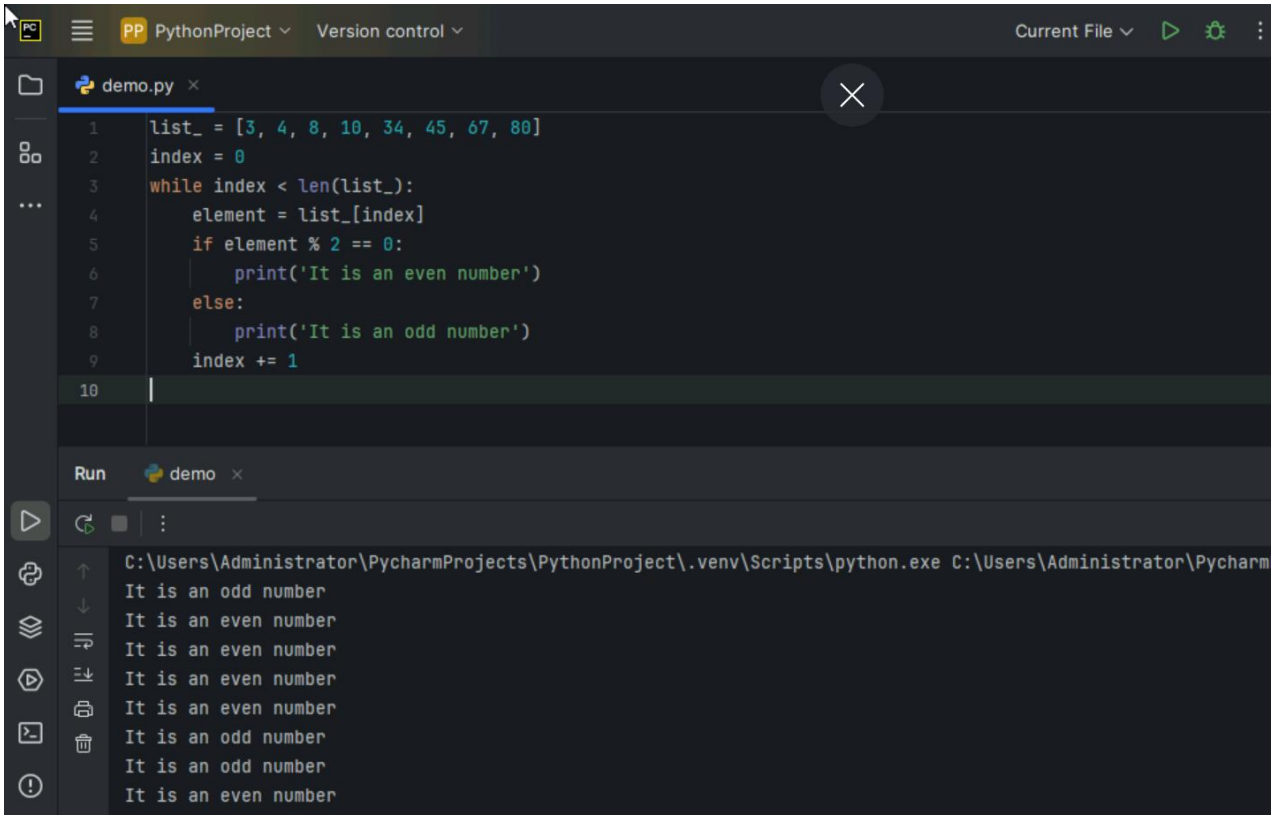
Multiplication tables using while loop



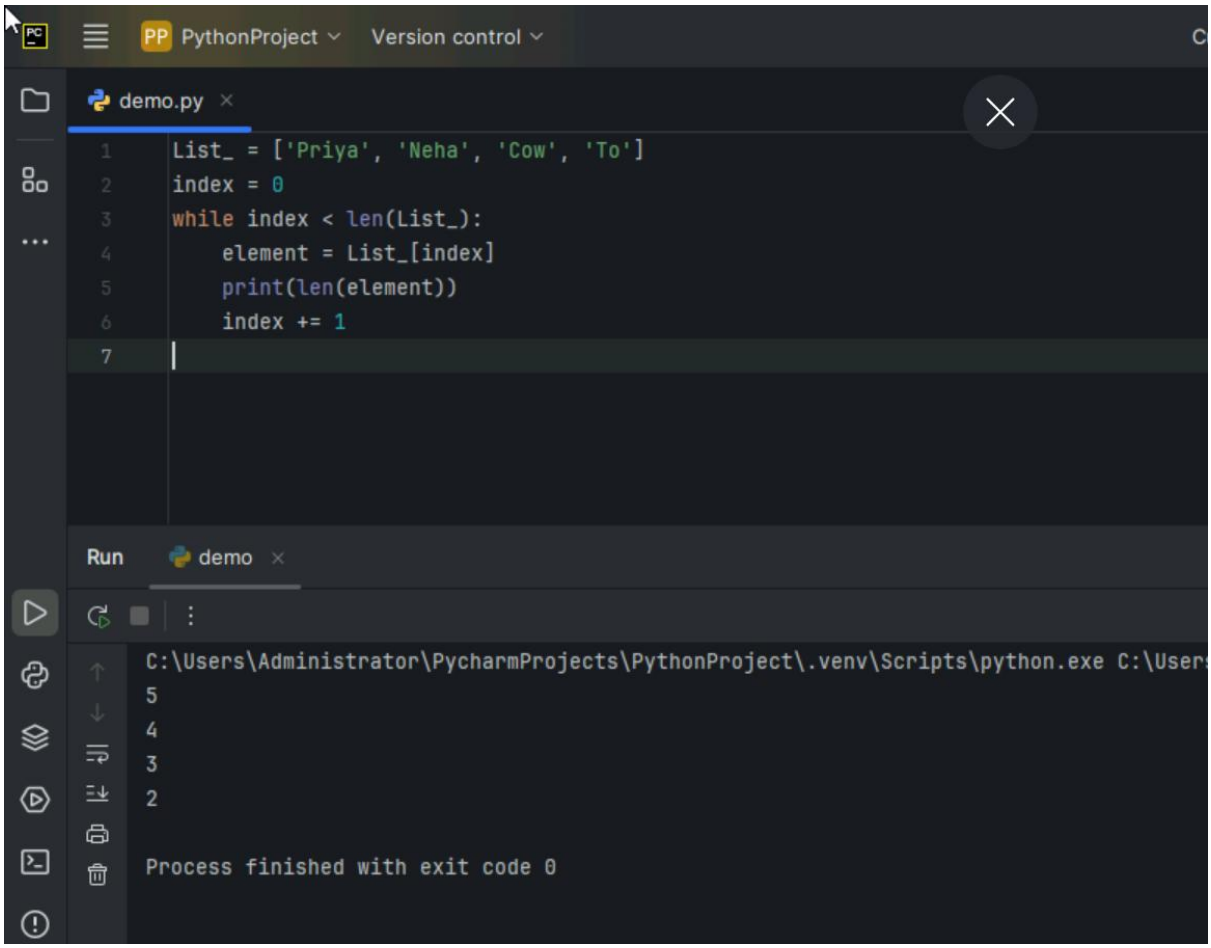
Append



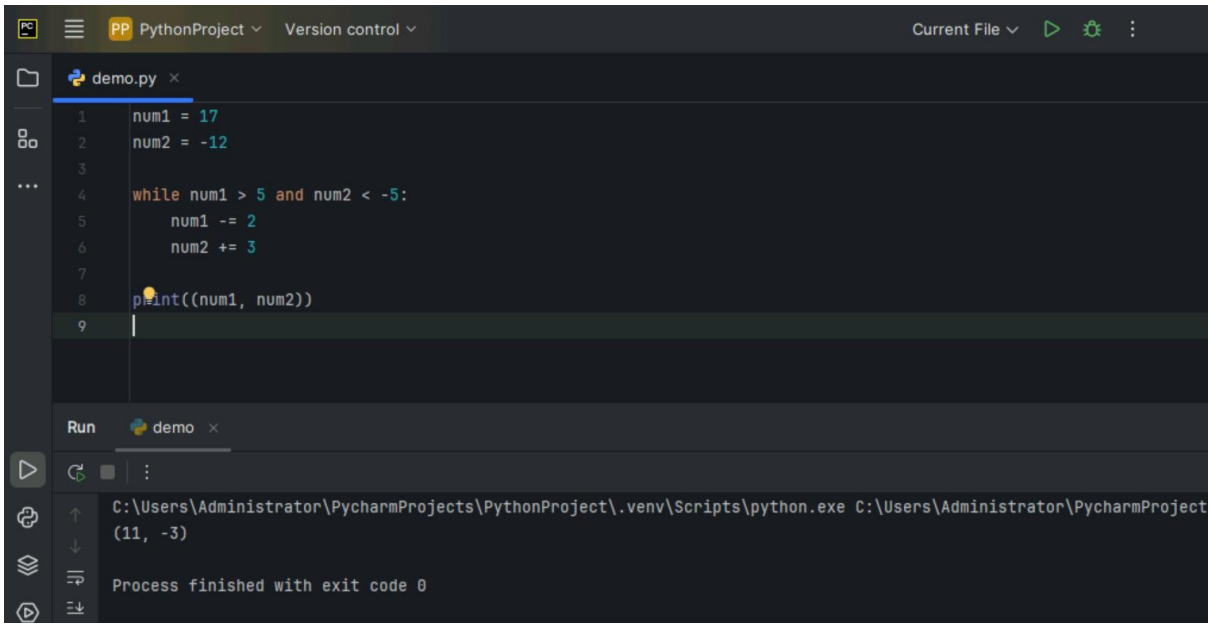
Even number check using while loop



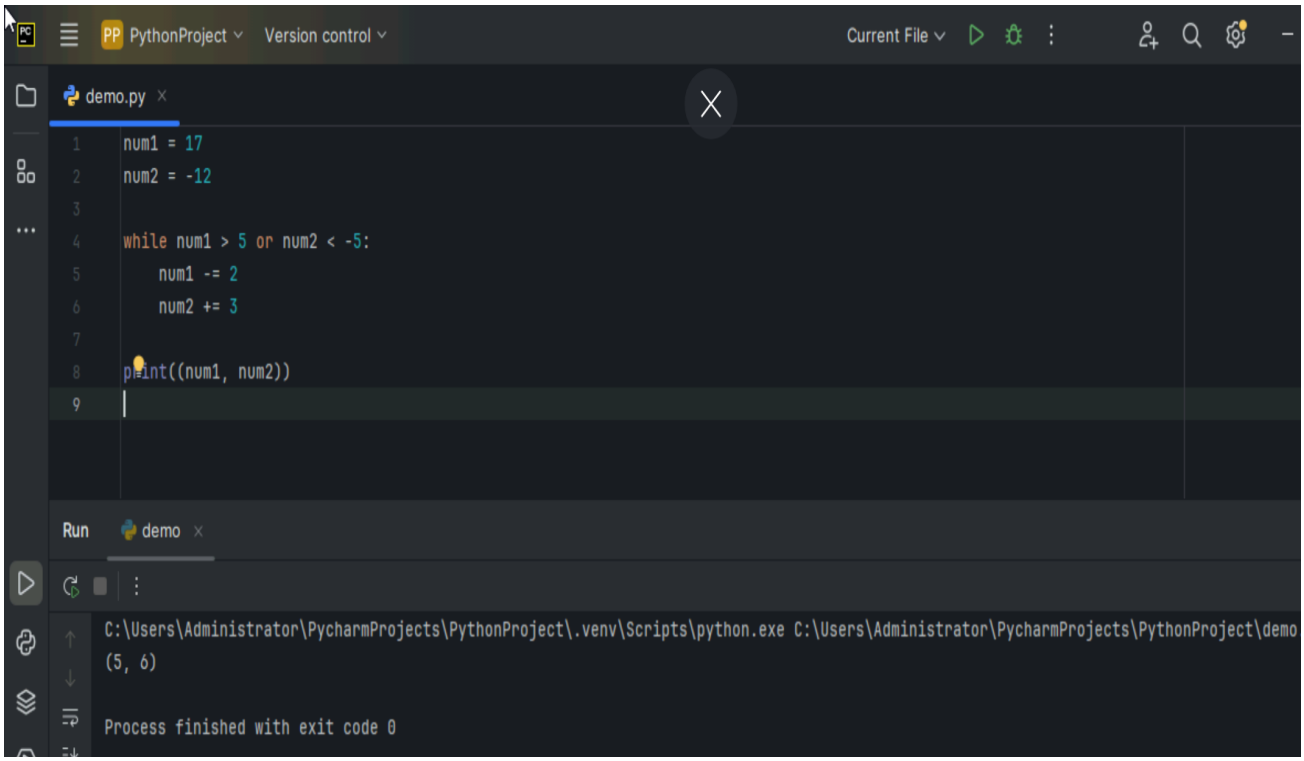
Letter check



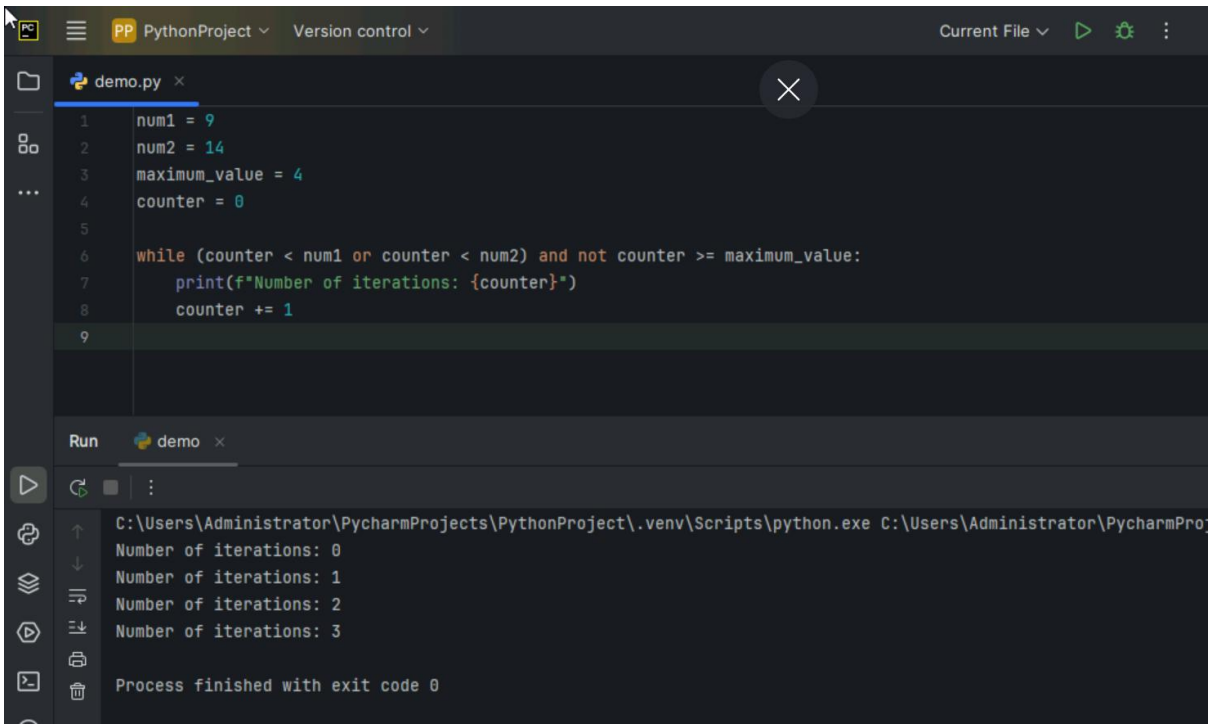
And condition



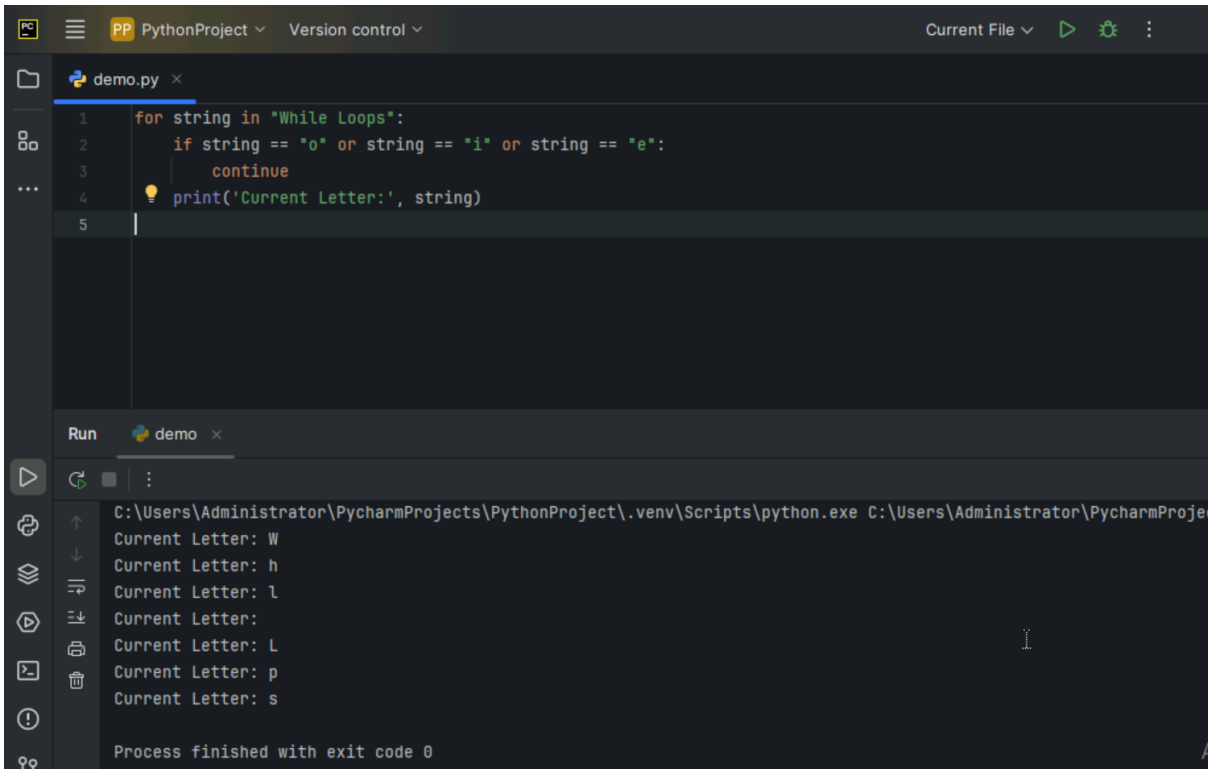
Or condition



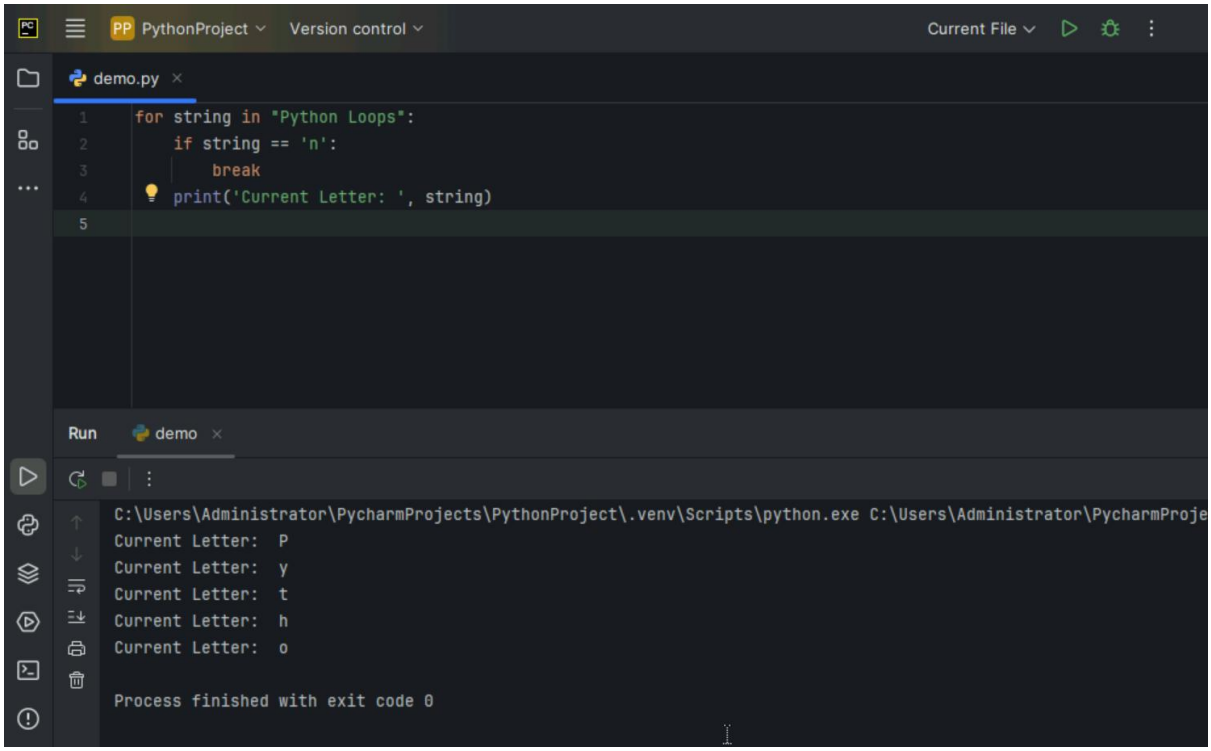
Multiple logical operators in while loop



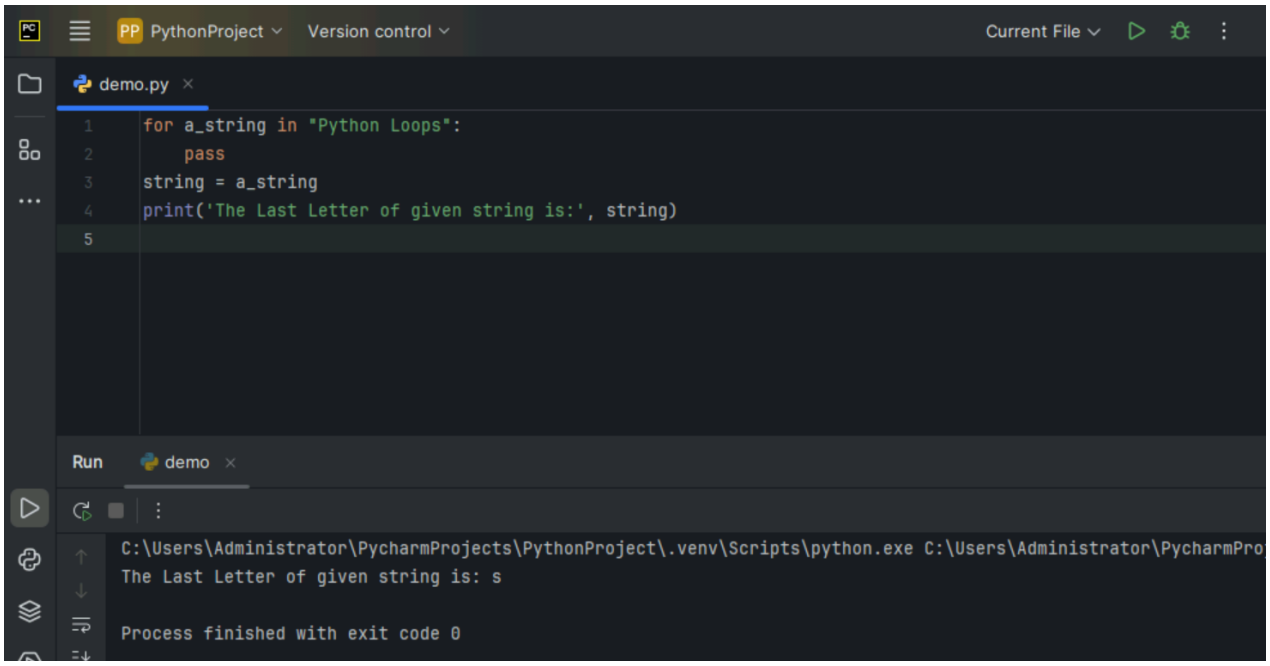
Continue statement



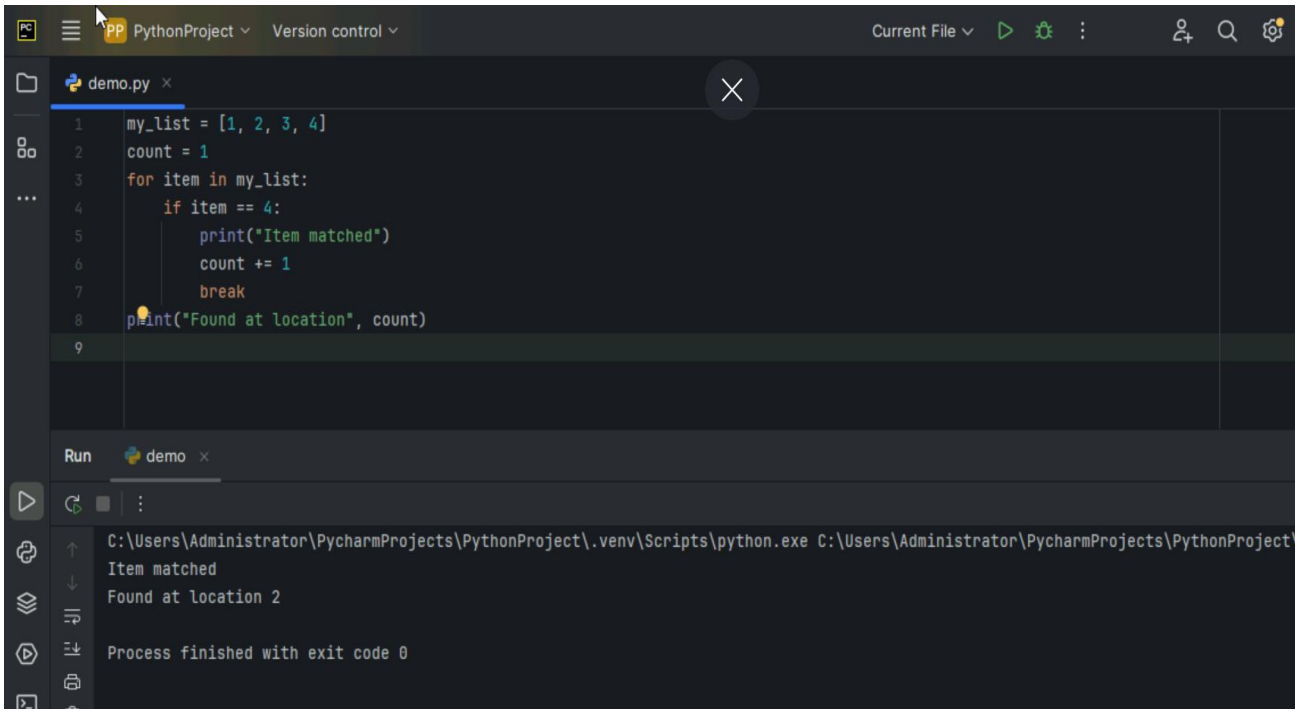
Break Statement



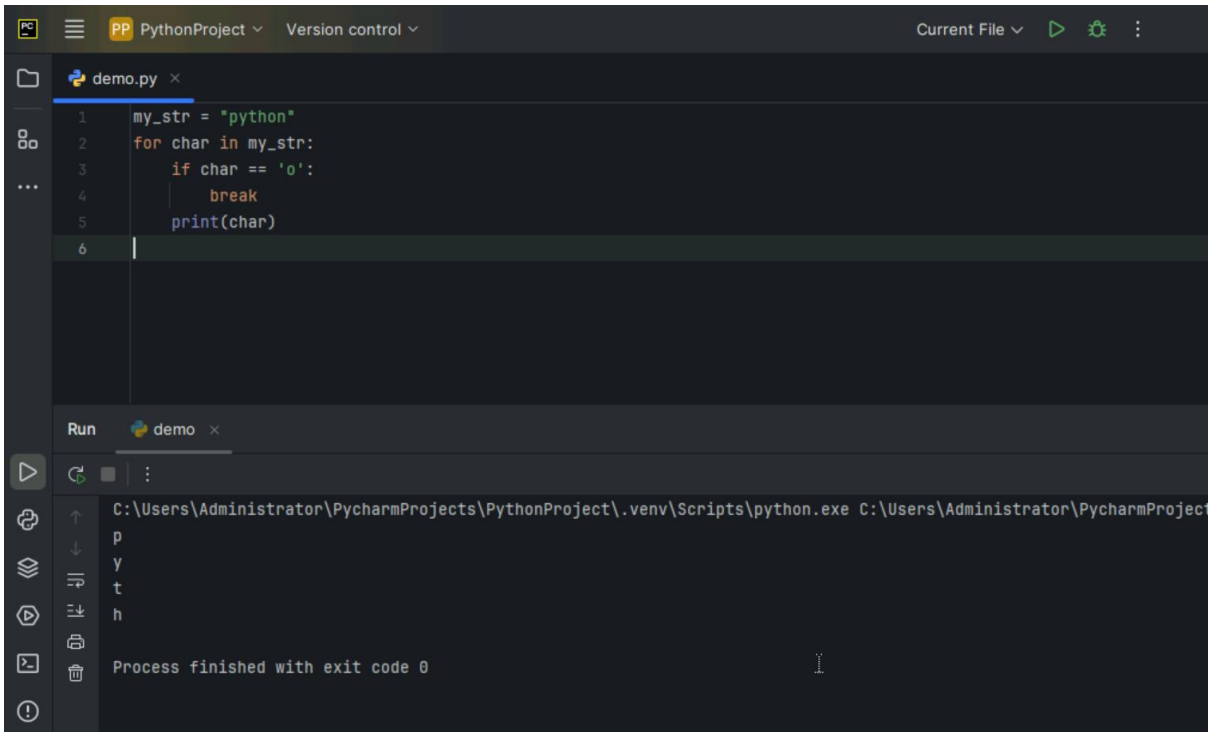
Pass



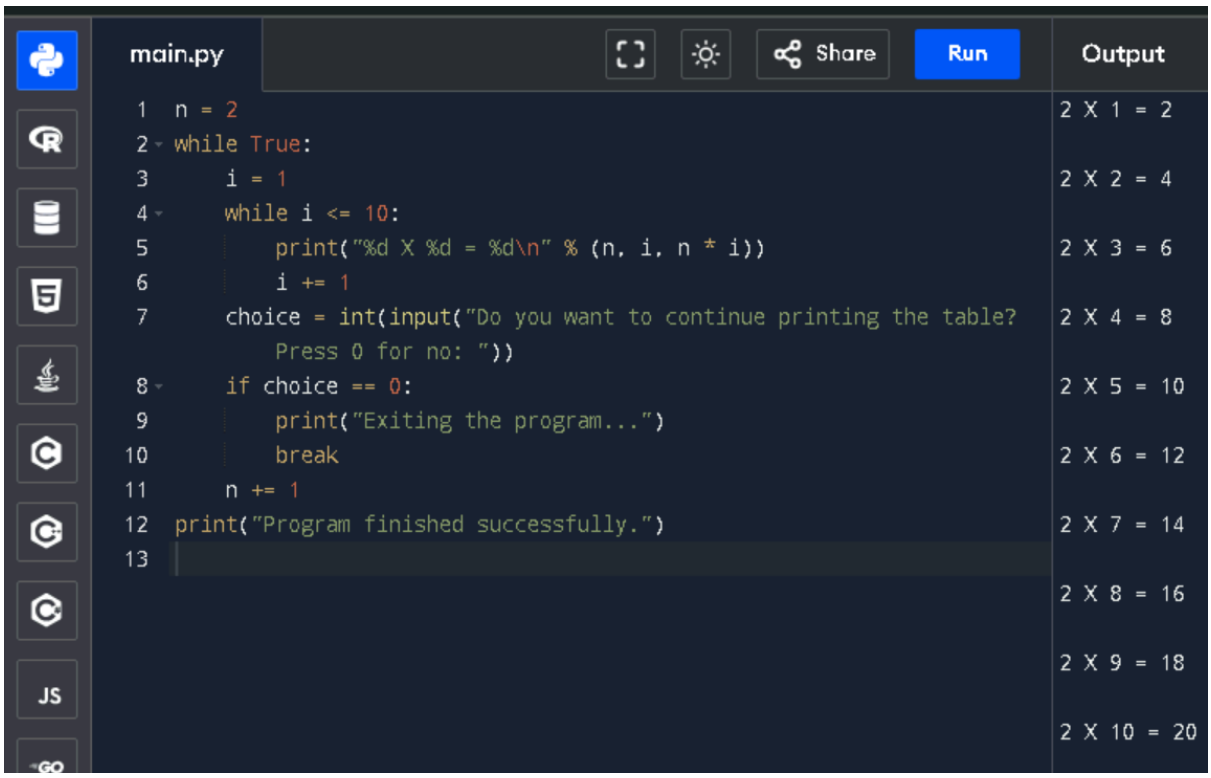
Break example



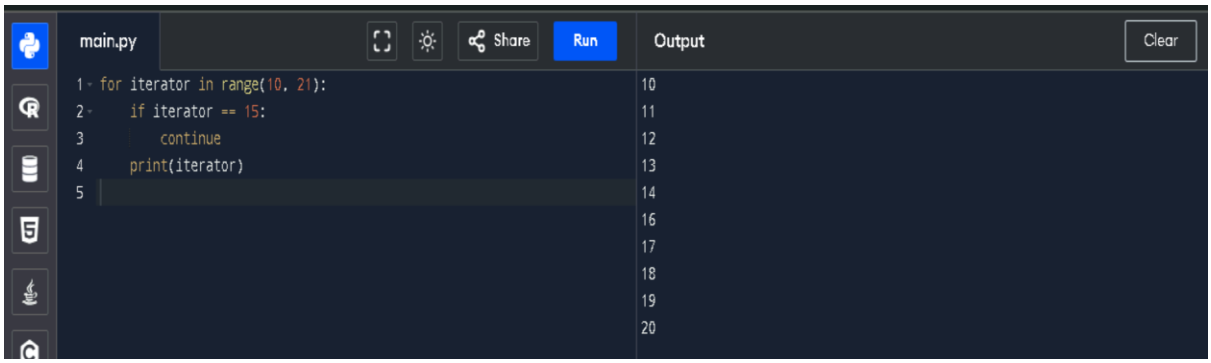
Break example



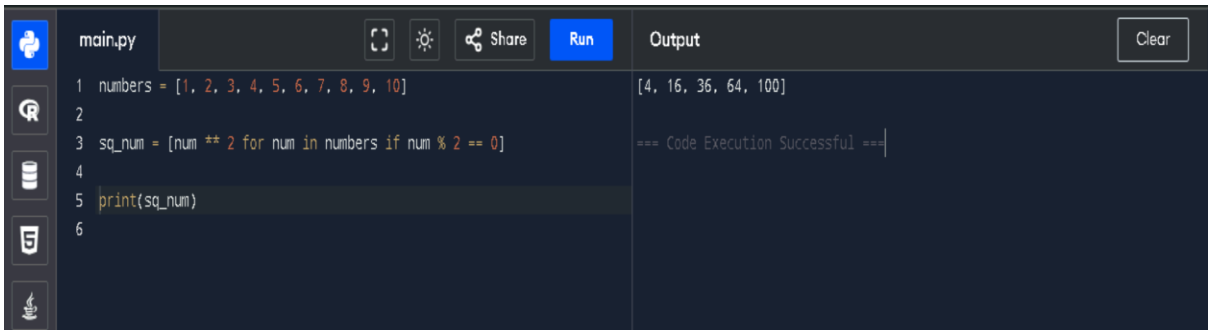
Printing 2 table



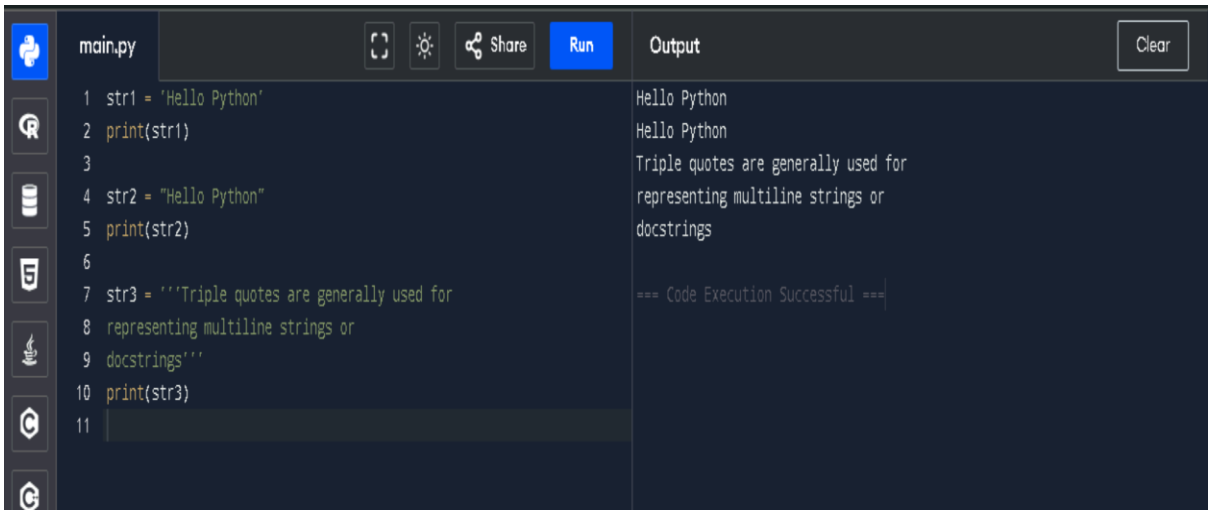
Continue



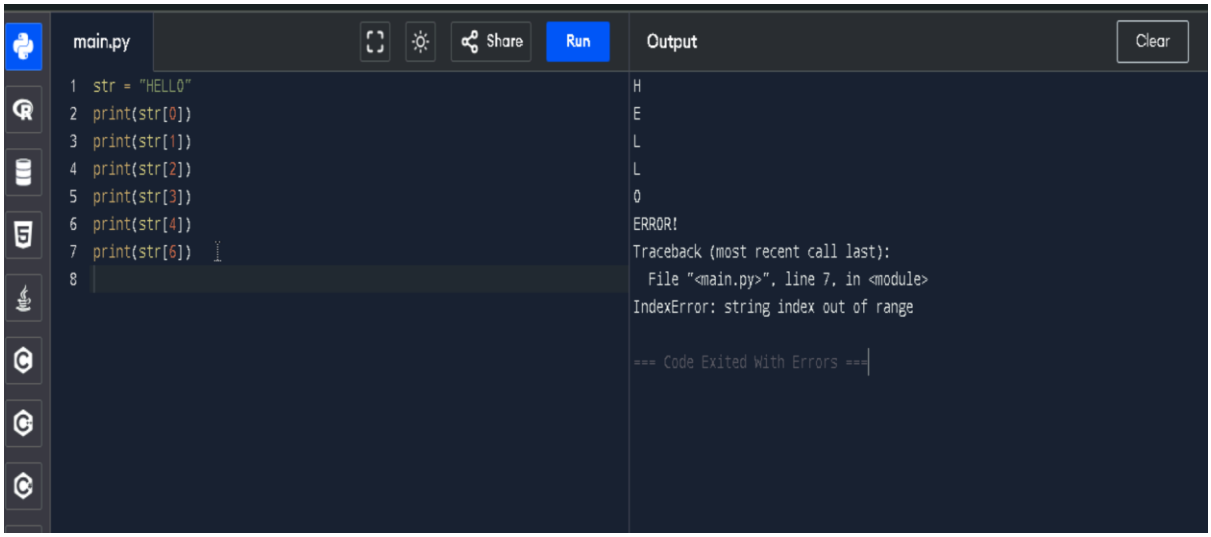
Square of numbers



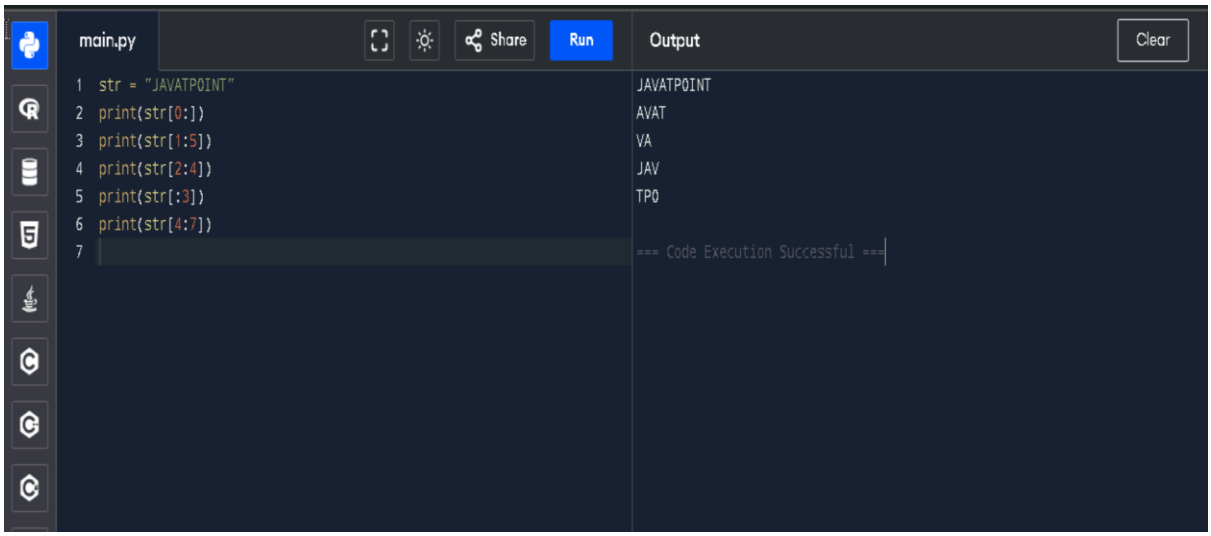
Creating basic strings



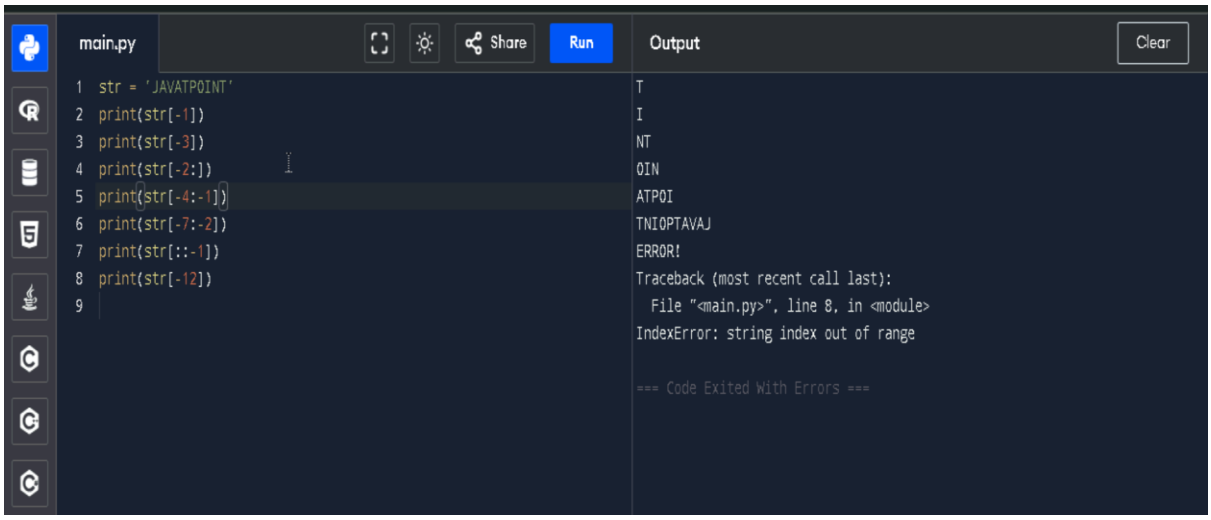
String operations



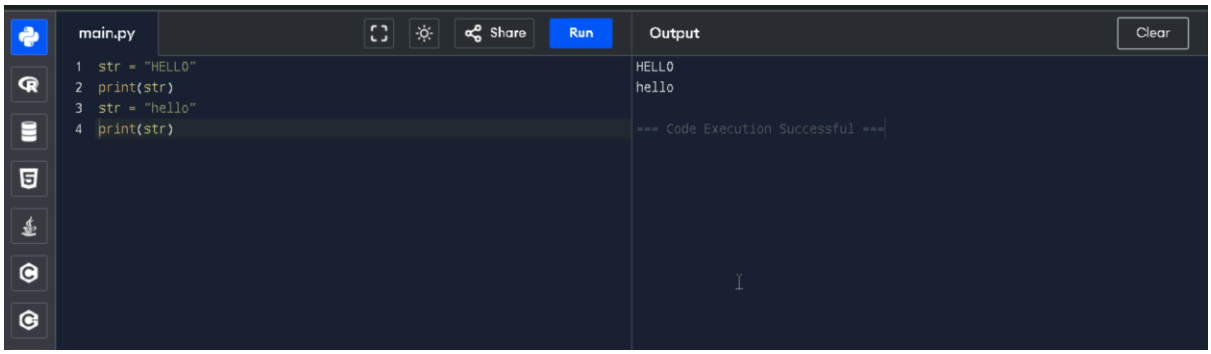
String range



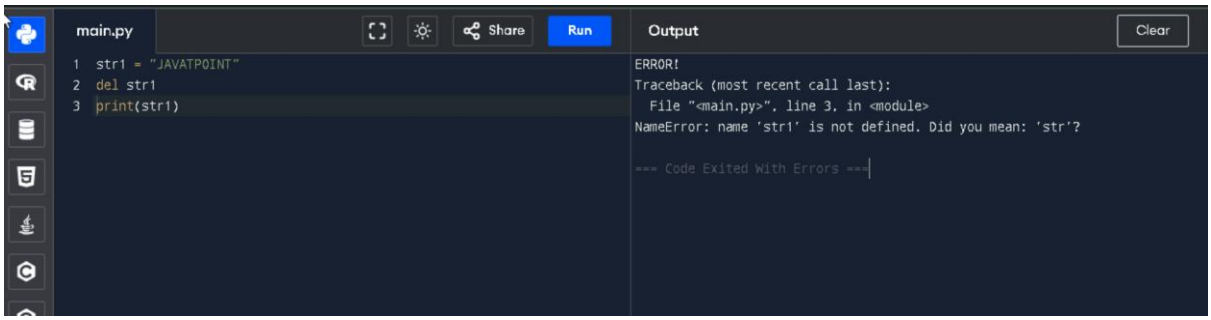
String ranges



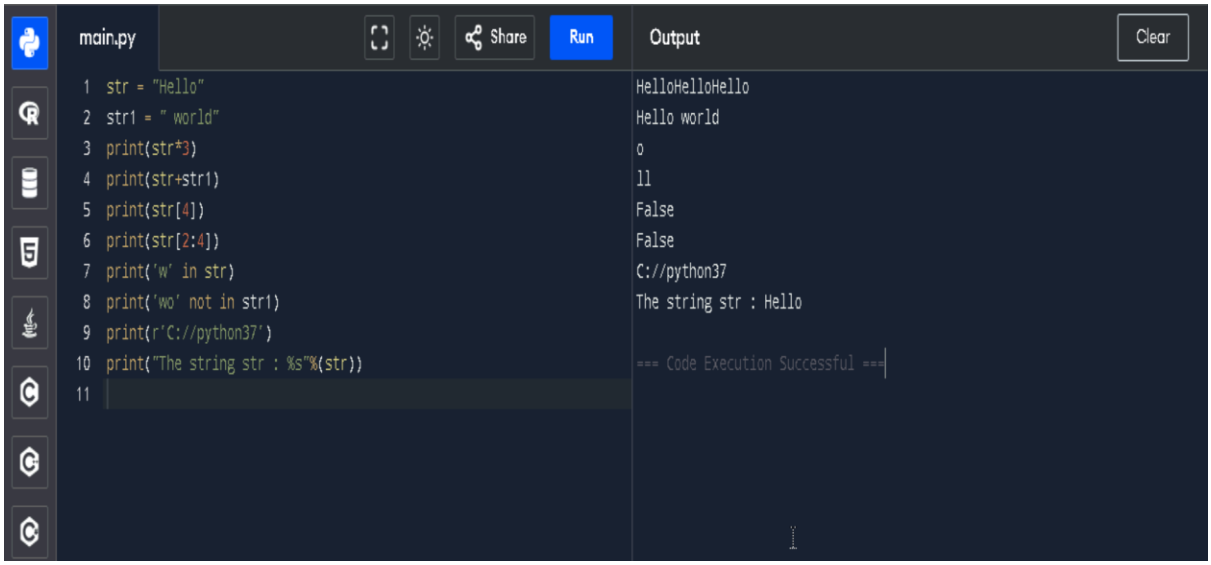
Reassigning strings



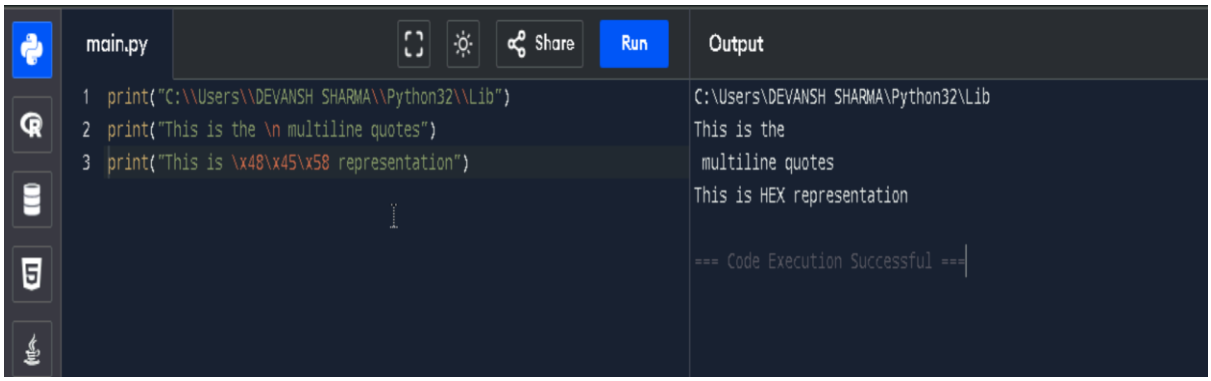
Reassigning strings



String formatting



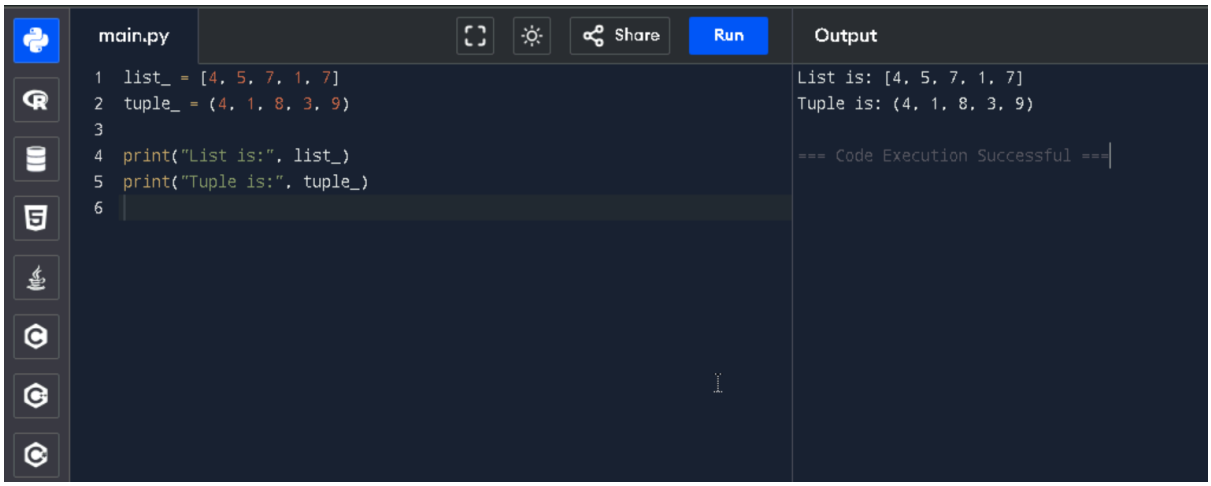
Multiple quotes



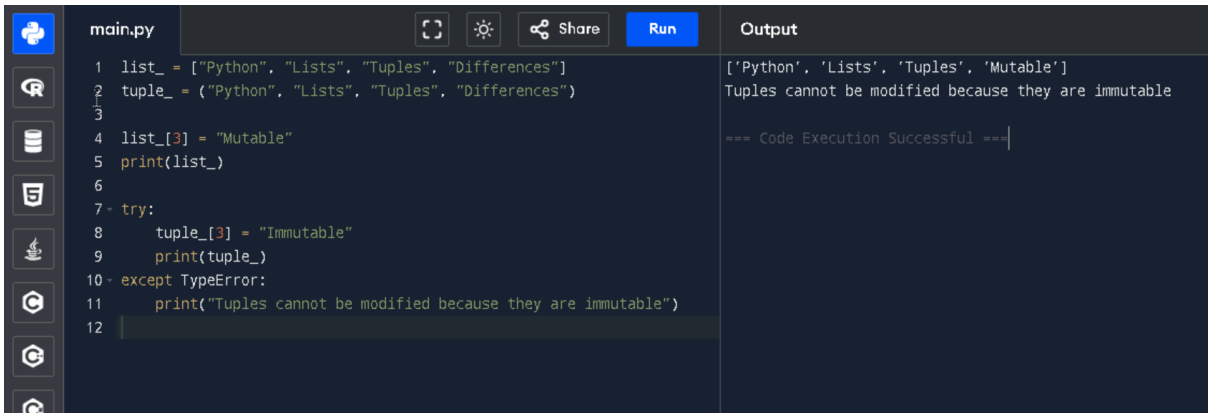
String formatting, format() method

Q

Lists and Tuples



Mutable and immutable tuple



dir