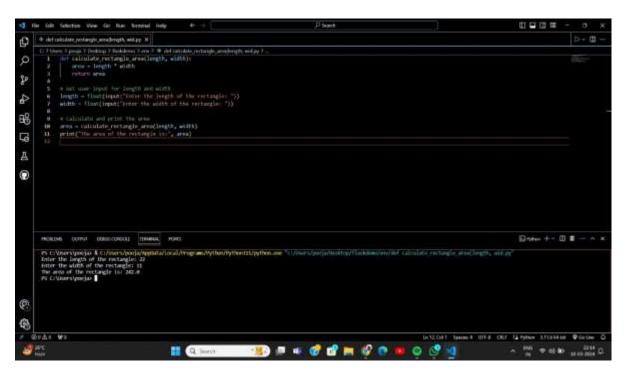
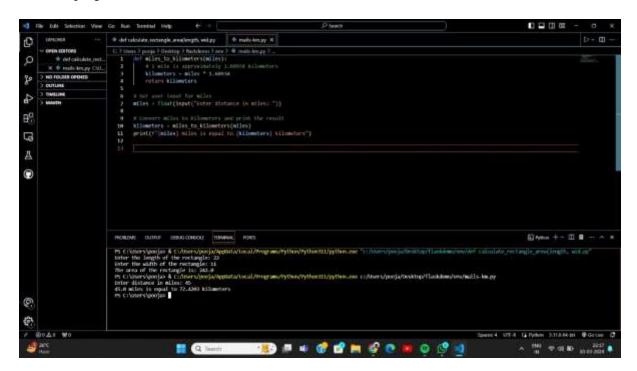
Assignment-1

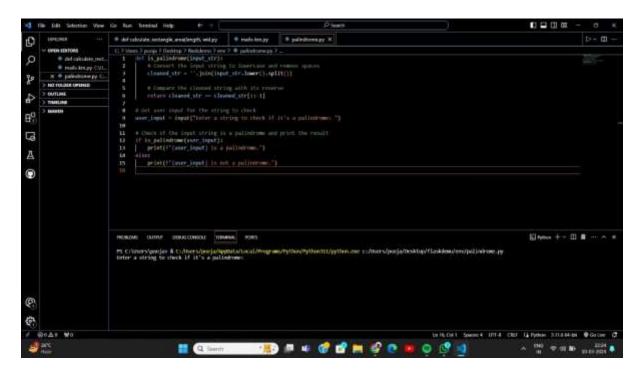
1.write a python program to calculate the area of rectangle given its length and width.



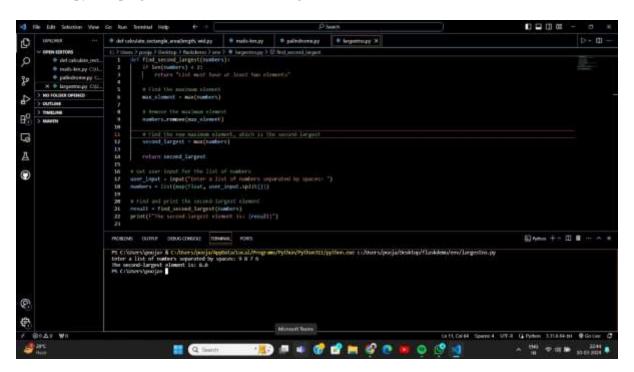
2.write a program to coonvert miles to kilometers



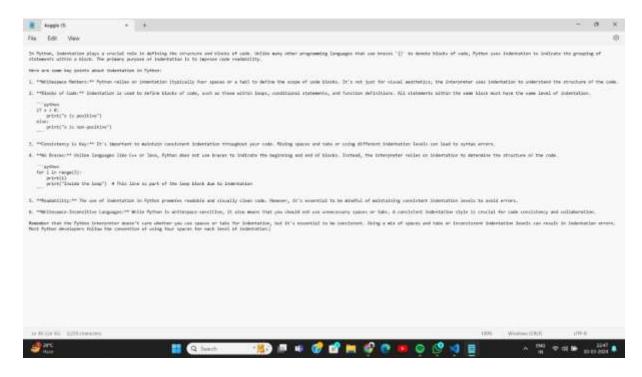
3.write a function to check if a given string is a palindrome



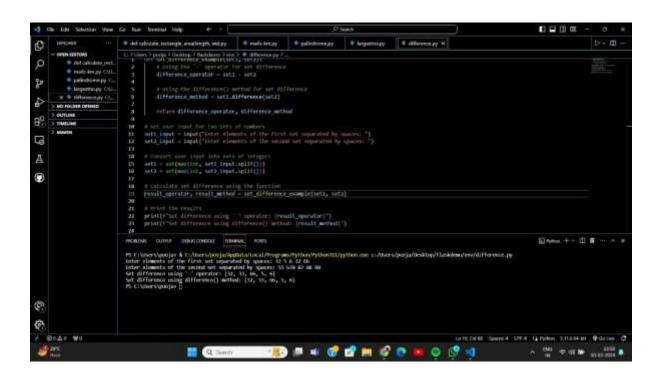
4.write a python program to find the second largest element in a list



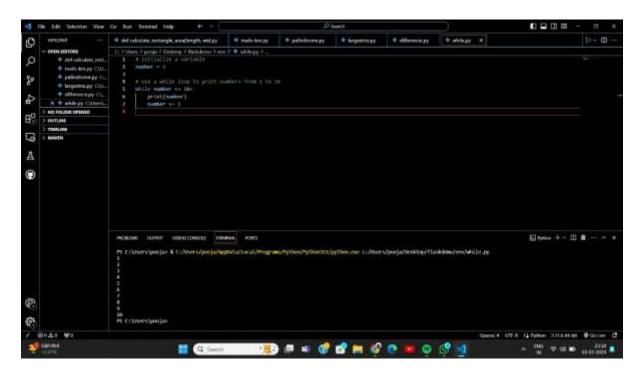
5.explain what indentation means in python



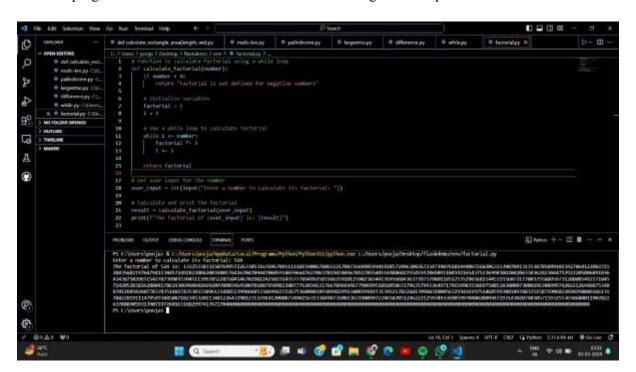
6.write program to perform set difference operation



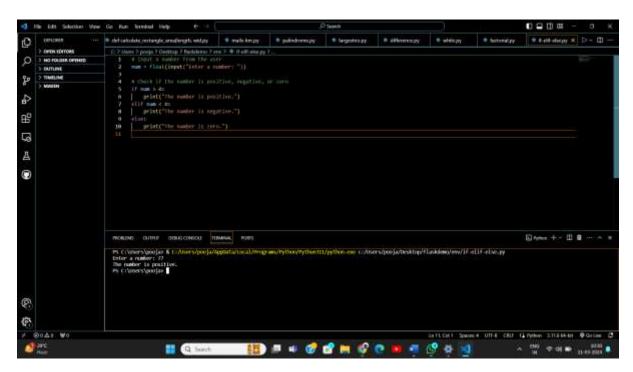
7.write a python program to print numbers from 1 to 10 using while loop



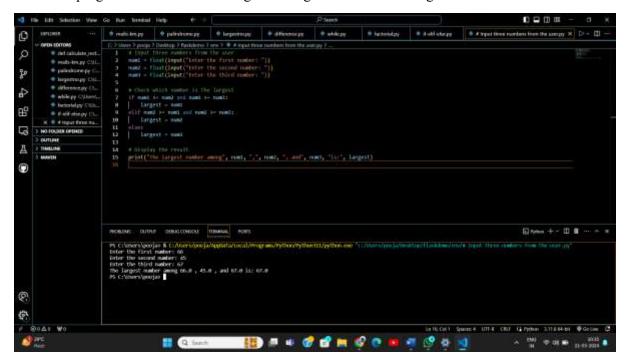
8.write a program to calculate the factorial of a number using while loop



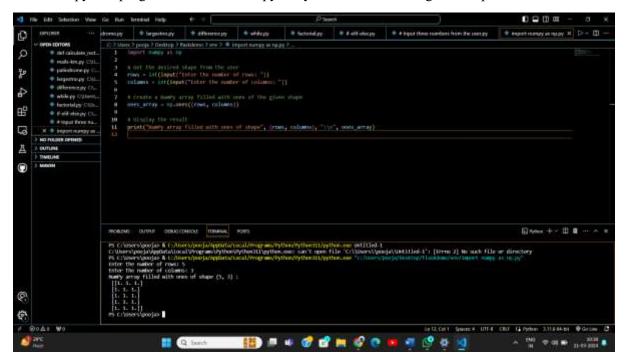
9.write a program to check if a number is positive, negative , or zero using if-elif-else statements



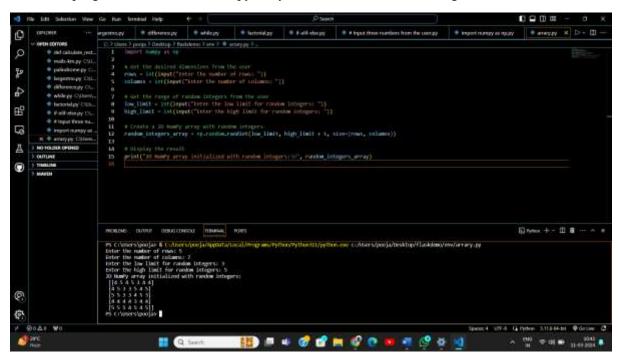
10.write a program to determine the largest among three numbers using conditional statements



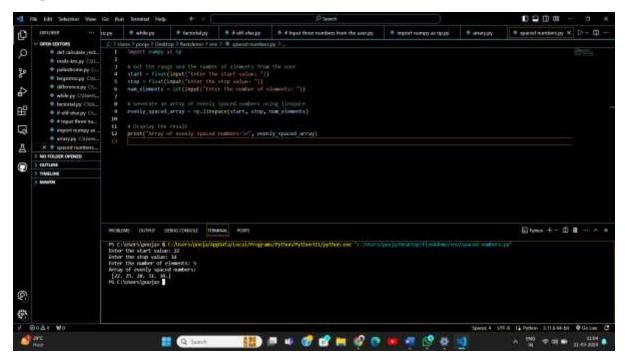
11.write a python program to create a numpy array filled with ones of given shape



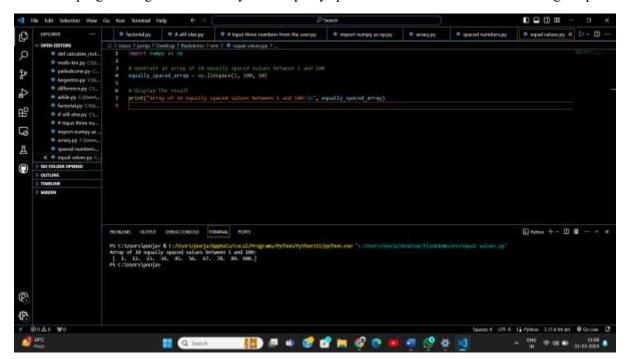
12.write a program to create a 2D numpy array initialised with random integers



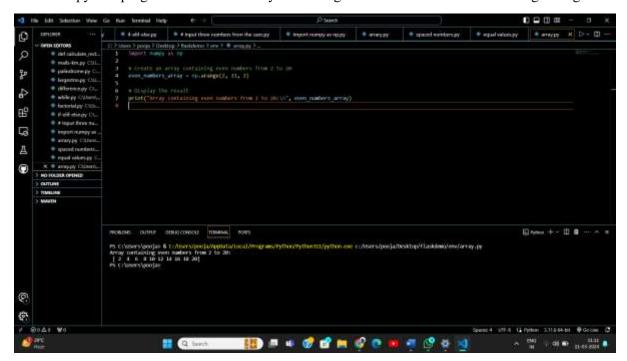
13.write a python program to generate an array of evenly spaced numbers over a specified range using linespace



14.write a program to generate an array of 10 equally spaced values between 1 and 100 using linspace



15.write a python program to create an array containing even numbers from 2 to 20 using arrange



16.write a program to create an arrary containing numbers from 1 to 10 with a step size of 0.5 using arrange.

