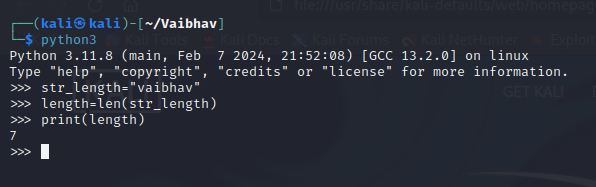
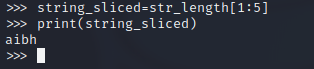
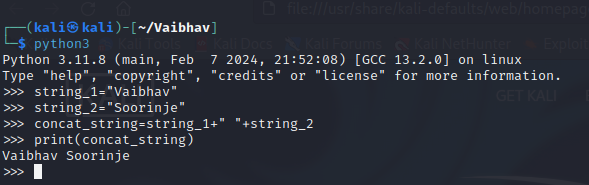
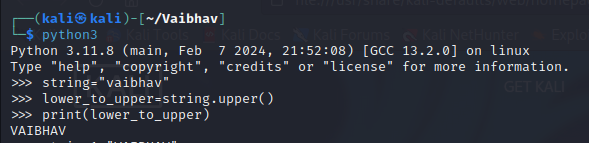
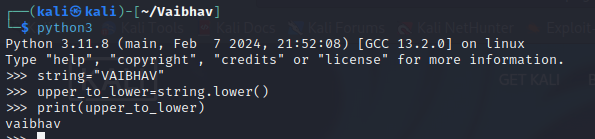
String Operations in Python

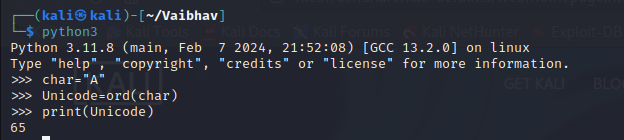
1. Find the length of the string   


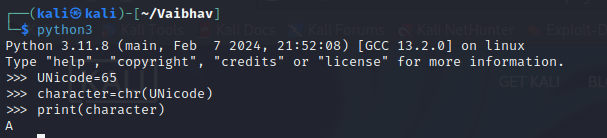
2. Slice the string as per your choice   


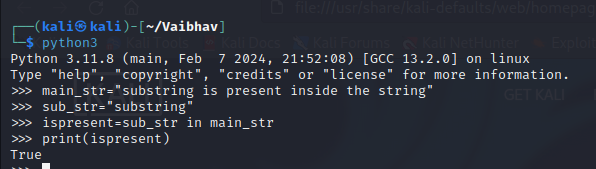
3. Concatenate two strings   


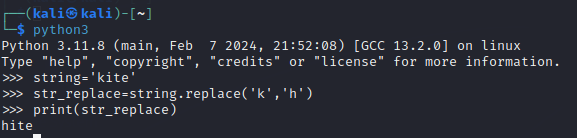
4. Convert in to lower case in to uppercase character   


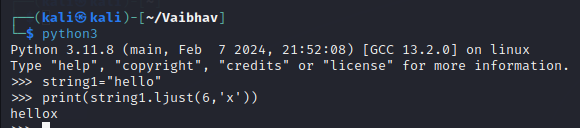
5. Convert upper case into lower case characters  
  


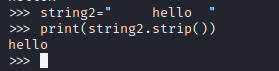
6. convert the character into Unicode ( Ascii values)  


7. convert Unicode into character   


8. Check whether the given "substring" exists in the string  


9. Replace the character 'k' with 'h'  


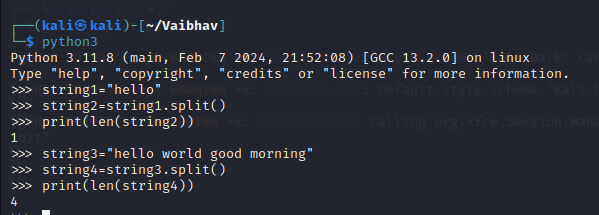
10. Pad the string with "x" at the end  


11. remove leading and trailing whitespace or specified characters from the string  


12. split the given string in to group of five characters   
A black background with white text

Description automatically generated

13. count total number of words

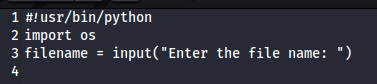


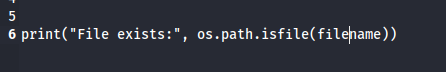
14. Find the frequency of each characters in the string

A computer screen shot of white text

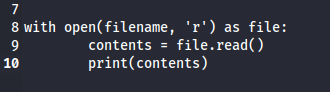
Description automatically generated

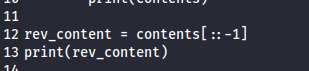
STDIN and File operators

15. get the file name from the user   


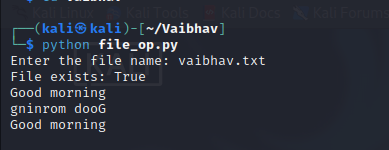
16. check the file exist or not   


Looping and File handling

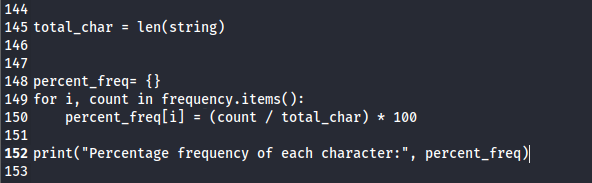
17. read the contents from the file   


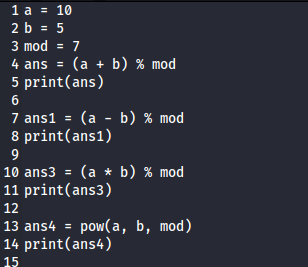
18. reverse the contents from the file   


19. Write into the file

Math operations

20. convert Frequency in to percentage (continuation of 12th Question)   


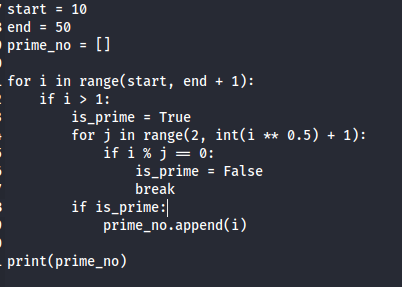
21. Perform modular arithmetic operation   


22. Find the prime numbers

check the given number is prime or not

A screen shot of a computer code

Description automatically generated

print the prime numbers with the given range   


23. Check the given two numbers are co prime or not   
A screenshot of a computer program

Description automatically generated

24. find the factors for the given number ( can use python library)  
A computer screen shot of white text

Description automatically generated

25. generate 10 random numbers   
A computer screen shot of a computer code

Description automatically generated

26. Explore : Miller-Rabin Test (pen paper method)  
A screen shot of a computer

Description automatically generated

“Don’t worry about failures, worry about the chances you miss when you don’t even try.”

– JACK CANFIELD