

Pbm - 1 :

have a list of numbers starting from 1 to 100.

have a second list containing numbers starting from 100 to 200.

merge two list and make a combined list.

filter out odd and even numbers from combined list and create a odd_numbers list and even_numbers list separately

Pbm - 2 :

let a list have all the first 10 alphabetic characters as 10 elements.

randomly select any one character from list using random method we covered on day 1.

if the randomly selected character is a 'z' , then, print the message 'z is picked from the set' else print 'no,its not picked'

Pbm - 3:

get your empid and name as input from console. e:g: 101 Python

or 102 Java - your empid and name should be separated by a space.

everytime you get the input,do the below validations.

check if the input string has a space, if so,

split the string and assign to empid and name variables.

the empid should not be more than 3 chars and name should not exceed 10 chars. if not,print appropriate messages.

remove the leading and trailing space in both name and empid string.

get the position of character 'z' in name string . if not found,

concatenate your string with a 'z' and print the concatenated name.