

- 1) Write a program to accept 5 numbers and print their mean.
- 2) Create a program which defines a list [1,2,3,4,5]. And then it should accept a number from the user and check if it is inside the list. If in the list it should display "Yes, found it!" or it should display "Sorry, could not find that." You may want to use the "in" keyword for this exercise. Try typing "a" in "Jack" and see the output. This should help you understand what the "in" keyword does.
- 3) Read numbers from a text file and print square of that numbers.
- 4) Write a program which accepts a name from a user and prints the same name with all letters capitalized.
- 5) Write a program to generate N random integers, where the number N should be accepted from the user through the keyboard. You will need the "random" module for this. Can you find the suitable function inside this module that can serve your purpose?
- 6) Write a program that recognizes palindromes (i.e. words that look the same written backwards). For example, `is_palindrome("radar")` should return True.
- 7) Read a sentence from user and split them to words and print one word in a line
- 8) Read line by line from a multicolumn text file, and then split them into list and print only first word of each line.
- 9) Read line by line from a multicolumn text file, and then split them into list and write into a text file.