

Exercise 3

1.	Write a program to create a list of names; then define a function to display all the elements in the received list. Call the function to execute its statements and display all names in the list.																
2.	Write a program to read text file data and create a dictionary of all keywords in the text file. The program should count how many times each word is repeated inside the text file and then find the keyword with a highest repeated number. The program should display both the keywords dictionary and the most repeated word.																
3.	Write a program to compare tuples of integers and tuples of strings.																
4.	Write a program to create a series to maintain three students' names and GPA values. <table><tr><th>Name</th><th>GPA</th></tr><tr><td>Omar</td><td>2.5</td></tr><tr><td>Ali</td><td>3.5</td></tr><tr><td>Osama</td><td>3</td></tr></table>	Name	GPA	Omar	2.5	Ali	3.5	Osama	3								
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5.	Write a program to create a data frame to maintain three students' names associated with their grades in three courses and then add a new column named Mean to maintain the calculated mean mark per course. Display the final data frame. <table><tr><th>Name</th><th>Course 1</th><th>Course2</th><th>Course3</th></tr><tr><td>Omar</td><td>90</td><td>50</td><td>89</td></tr><tr><td>Ali</td><td>78</td><td>75</td><td>73</td></tr><tr><td>Osama</td><td>67</td><td>85</td><td>80</td></tr></table>	Name	Course 1	Course2	Course3	Omar	90	50	89	Ali	78	75	73	Osama	67	85	80
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