# Department of Computing

# Fundamental of Computer Programming

# Class: SE-7AB

# Lab 7: Lists

# Date: 23rd November, 2016

# Time: 2pm-5pm

# Instructor: Muhammad Muddasir Malik

# Lab 7: Lists

**Introduction**

The purpose of this lab is to get familiar with lists.

**Tools/Software Requirement**

Python

Tasks:

1. Make this list,  
   Names = [‘Ali’, ‘Ahsan’, ‘Ahmed’, ‘Zubair’].  
   Print list and then overwrite each element of this list by asking user for input. Make sure first three members of the list should be uppercased and print again. Find the name at index 2 using negative indexing.
2. Create two lists; each contains marks of four subjects. Concatenate them and print the resulting list. Then slice them to recover the original lists and print them too.
3. Create a program that will keep track of items for a shopping list. The program should ask 5 times for new items and then display the full shopping list.
4. Make list of ten numbers and find out following and print.
5. The length of list
6. Max number from the list
7. Min number from list
8. Difference between the max and min
9. Sum of list.
10. Average of the list.
11. Sort the array.
12. Findout the index of max number and delete it