**Artificial Intelligence Lab**

**Graded Lab 1**

**10 Marks**

**Task 1: (index slicing)**

(a) Initialize a list of 100 values from 0 to 99.

(b) Print the values from index 40 till end

(c) Print all even index values

(d) Print the 5th last element

(e) Print the values from 36th last index to 5th last index

**Task 2:**

Define a class name math\_Func. It should contain a constructor with an instance variable ‘num’ to store an integer number and an instance method to calculate factorial of integer ‘num’. Create an object of class. Pass an integer to num attribute. Call the factorial method. Print the result