**PYTHON PROGRAMS INDEX**

**P-1:** Write a program to count all uppercase, lowercase, digits and special symbols in a string

**P-2:** Given 2 lists, iterate both lists simultaneously such that list-1 should display item in original order and list-2 in reverse order

**P-3:** Convert the given 2 lists into dictionary

**P-4:** Write a program which returns the outcome of an Exclusive OR operation performed on its two operands

**P-5:** Write a program to show that right shift effectively divides number by 2 and a left shift effectively multiplies a number by 2

**P-6:** Write a program to read two integers from the user and display the quotient. Your program should be able to detect divide by zero

**P-7:** Write a program that uses a two-dimensional array to store the numeric grade for each student in a teacher's classes. The program assumes that the teacher has three classes and a maximum of 30 students per class

**P-8:** Write a program that inputs lines of text until a blank line is entered. Then it redisplays each line one character at a time

**P-9:** Write a program to implement insertion and deletion in a queue

**P-10:** Write a program that reads in a line of text on a character-by-character basis, and then displays the characters in reverse order using recursion.

**P-11:** Using random rewrite the magic number program discussed in the class