

Assignment #1*Instructor:* Anish Prasad Shrestha*Technical Assistant:*

Course Policy: Read all the instructions below carefully before you start working on the problems, and before you make a submission.

Problem 1: Password generator

Description: Implement random password generator using array. Use lists to store the characters you'll use to generate the passwords. Add some randomness to the password generation.

See the following example :

```
$ ./main
$ Enter length: 10
$ 5y&1*9\alQ
```

Problem 2: Format array in a form of "a < b > c < d > e < f."

Description: Write a program to rearrange the elements of a given array of integers in a form of a < b > c < d > e < f. First, initialize array with random number of random integers, then rearrange it.

See the following example :

```
$ ./main
$ 0 3 1 5 4 7 6 10 8
$ ./main
$ 83 86 15 93 35 86 77 92 21 49
```