# Exercises

## 1.2-1 Give an example of an application that requires algorithmic content at the application level, and discuss the function of the algorithmic involves.

Suppose we have a student system. We want to access the students that have a A grade in the end of the candidate-student campany from database. Using Linq, we are intializing a new List of students. Now we have to give a faculty number to each student. In that case, we are using a randomized algorithm to generate a unique number for each student.