

## Objectives:

As a Unix/Linux administrator, you will be expected to understand Perl scripting and logical structures. For this project you must show mastery of:

- Proper code layout
- Variable declaration
- Constant declaration and initialization
- Modularization
- Dispatching
- Program sequence and selection
- Cohesion
- Input validation & sanitization
- Good programming practices

**Project background:** You are a junior administrator for a small regional hospital system. You have been hired to administer the Linux virtual servers and provide services for the various hospital departments.

# Project Seven – Perl I

## Mastering Perl and creating interesting algorithms

### Task One

You have been asked to write a Perl program that prompts a user to enter new patient data for the emergency room. The entry clerk will need the following data stored for each patient every day:

1. Last name
2. First name
3. Middle
4. DOB
5. Insurance carrier or none
6. Ailment

You are requested to have the patient's age calculated and give the patient a PIN (patient id number).

For each patient, you should print out their full name, age, ailment and PIN after they have been entered into the system. Give the program a menu interface.

Finally, at the end of each day, the clerk will need to process all of the patients and put each one without insurance into a collection that gets printed out and given to a special billing department.