### **Assignment 3****- Enumeration in Swift**

**Lab Assignment: Enumerations in Swift**

This lab assignment will help you understand and practice using enumerations (enums) in Swift. Follow the instructions below to complete the assignment.

**Objectives:**

* Understand the basic syntax and usage of enumerations.
* Use associated values with enums.
* Use raw values with enums.

**Instructions:**

**Step 1: Basic Enumeration Syntax and Usage**

* Define an enumeration called CompassDirection with four possible values: .north, .south, .east, and .west.

**Step 2: Associated Values**

* Define an enumeration called Barcode with associated values for upc (which is a tuple of four integers) and qrCode (which is a string).

**Step 3: Raw Values**

* Define an enumeration called Planet with raw values for the order of the planets in the solar system. For example, Mercury should have a raw value of 1, Venus a raw value of 2, and so on.