**BSc (Hons) in Information Technology**



**Year 4**

**SE4020- Mobile Application Design and Development**

**Lab sheet 3**



1. Write a Swift program to print whether day is a weekday or weekend by passing day name.
2. Write an Enum to handle above days.

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1. Write a Swift program to return the weather status when passing weather conditions as follows:
   * + Sun
     + Cloud
     + Rain
     + Wind
     + Snow

Weather status will be as follows:

* + - Sun -> nil
    - Wind -> “Oops”
    - Cloud -> “Dislike”
    - Rain and Snow-> “Cool”

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**Since there is an optional value we must put ! at the end of the function using force unwrapping.**

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additional

2.1 Modify the above program to pass the wind speed and print whether the wind has normal wind speed.

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1. Write a Swift program to swap the value of two variables without using third variable.

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1. Write a Swift program for the followings.
   1. Assume that you have a GUI form with three fields (name, address and phone number). You have to write a function to validate each field value and return when having nil value for one of these.

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* 1. If all of fields have values, send values to another function and name of the function will be “sendToServer”.