Software for Mobile Devices
Spring 2019
Quiz 1

Date: 03/03/2019

Roll No: _____

An Email app has been developed with all functionalities including persistent data storage. Along with the online database, a local sqlite database has also been created to keep offline backups. A content provider has been written with following specifications.

1. Content Provider support separate URIs for verifying username-password and fetching email addresses.
2.   For fetching email addresses, following two options must be provided
     *   Fetch all email addresses
     *   Fetch email addresses starting with a particular alphabet
3. For verification, username and password are sent to the content provider, and content provider returns the result of verification(successful/unsuccessful)

Your task is to call the content provider from an external application to perform following tasks

1. Verify username and password
2. Fetch all email addresses

You are not required to provide all activity code. write code in the following function to answer the questions.

```
boolean verify(String username, String password)
{
        //fetch data and parse it and return true or false based on the received data
}
ArrayList<Email> fetchEmails()
{
        //Fetch data and parse it to form an array list of the email address.
}
```