

The computer was born to solve problems that did not exist before.

- Bill Gates

```
for i in people.data.users:
    response = client.api.statuses.user_timeline.get(screen_name=i.screen_name)
    print 'Got', len(response.data), 'tweets from', i.screen_name
    if len(response.data) != 0:
        ltdate = response.data[0]['created_at']
        ltdate2 = datetime.strptime(ltdate, '%a %b %d %H:%M:%S +0000 %Y')
        today = datetime.now()
        howlong = (today-ltdate2).days
        if howlong < daywindow:
            print i.screen_name, 'has tweeted in the past', daywindow,
            totaltweets += len(response.data)
            for j in response.data:
                if j.entities.urls:
                    for k in j.entities.urls:
                        newurl = k['expanded_url']
                        urlset.add((newurl, j.user.screen_name))
        else:
            print i.screen_name, 'has not tweeted in the past', daywindow
```



COMP 4117

Information Systems: Design and Integration

2nd Semester 2018-2019

Course Instructors:
Dr Martin Choy and Dr Jean Lai

This course aims at developing students' ability to make use of advanced software tools and programming techniques for information systems development, and to apply a methodological approach to the development and integration of information systems, by thorough analysis, good systems design and comprehensive documentation. The course also simulates a real-life working environment in the classroom, so that students will gain experience of working as team members participating in systems development.

Help in Need is Help Indeed

Applying their knowledge in information system design, students will work in teams to serve different people. These include WeCareBill.Org (病不孤單), an organisation that aims at enhancing the price transparency of medical services in which students will develop a chat-bot that shows different pricing options. Another beneficiary will be Cheung Sai Ho, who was born with cerebral palsy. Cheung has invented a voice-control computer software for severely disabled people, and students will help develop an online shop to market his product to NGOs.