

MCS 260 Project Two : writing numbers in words due Friday 28 September at 1PM

The goal is to write a Python program that writes natural numbers in words.

When you write out a personal check, you must write out the amount in words. The Python program in this project asks the user to enter a natural number. After reading this number, the program will then write out the amount in words.

When the program is saved in the file `numbers.py`, then a session (using the `$` as symbol for the command prompt) might go as follows:

```
$ python numbers.py
give a natural number : 11
11 is eleven
$ python numbers.py
give a natural number : 321
321 is three hundred and twenty one
$
```

Some important points:

1. You may assume the user always types in a natural number, i.e.: the input is correct.
2. The range of the numbers is limited between 0 and 999. But of course, feel free to add more features to accommodate lottery winners, or the department of defense.
3. Dictionaries are the recommended data structure to use, but a dictionary with one thousand keys is not appropriate.
4. The first line of your Python program must be

```
# MCS 260 Project Two by <Author>
```

where you replace the `<Author>` by your name.

5. Email your solution to the project to jan@math.uic.edu before 1PM on Friday 28 September so the date of the email is proof of an on time submission. As a backup, bring also a printed version of your solution to class.

If you have questions or difficulties with the project, feel free to come to my office for help.