""" superhero.py
   demonstrates using a for() structure
to step through a list
3/22/06 """

heroes = [
   "Buffalo Man",
   "Geek Boy",
   "Wiffle-Ball Woman"
]

for hero in heroes:
   print "Never fear,", hero, "is here."
tripFinished = "NO"
while tripFinished != "YES":	
    tripFinished = raw_input("Are we there yet? ")
    tripFinished = tripFinished.upper()

print "Can we go home now?"
Demonstrates pdb command-line debugger

THIS PROGRAM DOES NOT RUN NORMALLY!

import the pdb library
place pdb.set_trace() function where you want debugging to start

Interactive debugging commands:
h - help
l - list the current code fragment
n - next command (skips functions)
s - step to next command (goes into functions)
print x - print the current value of the variable x
c - continue execution
!statement - executes the statement as python
q - quit debugger

Don't forget to remove set_trace before releasing program

import pdb;

def main():
    pdb.set_trace()
    j = 3
    for i in range(10):
        j = j + 10
        if j > 40:
            j = 1

if __name__ == '__main__':
    main()