Foundations Team: Applicant's Name

1) /* convert a string to an integer using C */
int atoi (char s)
{
}

2) /* calculate the length of a string using C */
strlen (char *s)
{
}

# 3) Write a Python function to group characters from an input string into fixed
# length chunks, with a given fill value, e.g.
# chunkify('ABCDEFG', 3, 'x') -> ['ABC', 'DEF', Gxx']
def chunkify(s, n, fill='x'):
  Pass

4) Given an input sequence and a predicate, create a Python function to return two
lists, # one where the elements # of the sequence are false for the predicate and one
where # they are true, e.g. # partition(range(10), pred=is_odd) -> [0, 2, 4, 6, 8], [1, 3, 5, 7,
9] def partition(seq, pred):
  Pass

5) Please download the source package from the following location:
http://people.canonical.com/~vorlon/questions/
If you were responsible for maintenance of this package, what would you change about the
packaging?

6) Point us to, or share with us, code that you are especially proud of, and explain why
you're proud of it.

7) If you've participated in OSS previously, please point us to public repos that
you've participated in.