Assignment 7.2

You'll complete this item using the course's autograders. Open the tool using the button below.

This course uses a third-party tool, Assignment 7.2, to enhance your learning experience. The tool will reference basic information like your name and Coursera ID.

I, **Ishaan Narula**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

Learn more about Coursera's Honor Code

Open Tool

Done

Your Output

```
Average spam confidence: 0.750718518519
```

7.2 Write a program that prompts for a file name, then opens that file and reads through the file, looking for lines of the form:

```
X-DSPAM-Confidence:    0.8475
```

Count these lines and extract the floating point values from each of the lines and compute the average of those values and produce an output as shown below. Do not use the sum() function or a variable named sum in your solution.

You can download the sample data at http://www.py4e.com/code3/mbox-short.txt when you are testing below enter **mbox-short.txt** as the file name.

Desired Output

```
Average spam confidence: 0.750718518519
```

Check Code **Reset Code** Grade updated on server.

```
4     fhandle = open(fname)
5 except:
6     print('The filename entered is either invalid or does not
7     quit()
8
9 count = 0
10 total = 0
11 for line in fhandle:
12     line_clean = line.rstrip()
13     if line_clean.startswith('X-DSPAM-Confidence:'):
14         count = count + 1
15         pos_1stspace = line_clean.find(' ')
16         extract = line_clean[pos_1stspace:]
17         num_str = extract.strip()
18         num = float(num_str)
```

Setting: Hide editor (index.php?editor=0&PHPSESSID=895f7a57b0a7df94925df4192e9bd444) This software is based on Skulpt and CodeMirror. The source code for this auto-grader is available on on GitHub.