Reading and Writing Files   *(find and work with a partner)*

Today we'll be talking about reading and writing files, which is an important topic for any type of data analysis or generation. The code below shows a common way of reading a file of data. The file `colleges.txt` contains liberal arts college enrollment data. Each line of the file has a college name, a space, the college enrollment, and a new line (`\n`), like this:

    Swarthmore 1620

Analyze this code to find all the functions and methods. List them in the table, along with the *type* of their parameters and their return *type* (some we have not seen yet so try to use the code context.)

```
c_filename = "colleges.txt"
c_file = open(c_filename,'r')

enroll_lst = []
for line in c_file:
    tokens = line.split()
    name = tokens[0]
    enroll = int(tokens[1])
    enroll_lst.append(enroll)
c_file.close()

min_enroll = min(enroll_lst)
max_enroll = max(enroll_lst)
avg_enroll = sum(enroll_lst)/len(enroll_lst)
print(min_enroll, max_enroll, avg_enroll)
```

Function/method name	Function or method?	Parameter type(s)	Return type