Ch11

April 2, 2020

```
[1]: #11.3

infilename = input("     : ");
infile = open(infilename,"r")
lines = infile.read()
infile.close()
alp={}
for line in lines:
    for ch in line:
        if ch in alp:
            alp[ch] +=1
        else:
            alp[ch]=1
print(alp)
```

```
     : C:\\Users\\Lee\\Desktop\\Game\\ \\   \\HumptyDumpty.txt
{'H': 3, 'u': 7, 'm': 6, 'p': 6, 't': 13, 'y': 5, ' ': 22, 'D': 2, 's': 5, 'a':
11, 'o': 4, 'n': 7, 'w': 1, 'l': 9, ',': 1, '\n': 3, 'h': 5, 'd': 3, 'g': 5,
'r': 3, 'e': 7, 'f': 1, '.': 2, 'A': 1, 'k': 2, 'i': 3, "'": 3, 'C': 1}
```

```
[5]: #11.5

infilename = input("     : ");
infile = open(infilename,"r")
lines = infile.readlines()
infile.close()

outfilename = input("     : ")
outfile = open(outfilename,"w")

total=0
avg=0
count=0
for s in lines:
    total += float(s)
    count += 1
avg = total / count
```

```
print(" ="+str(total), file = outfile, end ="\n")
print(" ="+str(avg), file = outfile, end="")
outfile.close()
```

    : C:\\Users\\Lee\\Desktop\\Game\\ \\ \\number.txt
    : C:\\Users\\Lee\\Desktop\\Game\\ \\ \\number1.txt

[ ]: