

CPSC 1301, Computer Science I Lab Assignment

Lab 07b Solutions

Problem 1

```

1  #-----
2  # average.py
3  #-----
4
5
6  # Read floats from the standard input stream until end-of-file.
7  # Write to standard output the average of those floats.
8
9  total = 0.0
10 count = 0
11 while True:
12     print("Enter a number: ", end = ' ')
13     item = input()
14     if item == '':
15         break
16     else:
17         item = float(item)
18         total += item
19         count += 1
20 mean = total / count
21 print("total is %f, count is %d, mean is %f" % (total, count, mean))

```

Problem 2

Problem 3

Problem 4

Problem 5

Problem 6