

```
ch6ex5.py X
ch6ex5.py > ...
1 str = 'X-DSPAM-Confidence:0.8475'
2 a=str.find(':')+1
3 b=len(str)
4 c=str[a:b]
5 float(c)
6 print(c)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch6ex5.py
0.8475
PS D:\demopython> ■

ch7ex1.py X
ch7ex1.py > ...
1 |
2 fname = input("Enter a file name: ")
3 fhand = open(fname)
4 for line in fhand:
5     line = line.rstrip()
6     print(line.upper())
7

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
R35014 | WAGNERMR@IUPUI.EDU | 2007-09-12 16:17:59 -0400 (WED, 12 SEP 2007) | 3 LINES
SAK-11458
HTTP://BUGS.SAKAIPROJECT.ORG/JIRA/BROWSE/SAK-11458
COURSE GRADE DOES NOT APPEAR ON "ALL GRADES" PAGE IF NO CATEGORIES IN GB
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THIS AUTOMATIC NOTIFICATION MESSAGE WAS SENT BY SAKAI COLLAB (HTTPS://COLLAB.SAKAIPROJECT.ORG/PORTAL) FROM THE SOURCE SITE.
YOU CAN MODIFY HOW YOU RECEIVE NOTIFICATIONS AT MY WORKSPACE > PREFERENCES.

PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch7ex1.py
```

```
ch7ex3.py X
ch7ex3.py > ...
1
2 fname = input("Enter the file name: ")
3 if fname == "na na boo boo":
4     print("NA NA BOO BOO TO YOU - You have been punk'd!")
5     quit()
6 try:
7     fhand = open(fname)
8 except:
9     print("File cannot be opened:", fname)
10    quit()
11 count = 0
12 for line in fhand:
13     if line.startswith("Subject:"):
14         count += 1
15 print("There were", count, "subject lines in", fname)
16
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch7ex3.py
Enter the file name: mbox-short_1.txt
There were 27 subject lines in mbox-short_1.txt
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch7ex3.py
Enter the file name: abc.txt
File cannot be opened: abc.txt
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch7ex3.py
Enter the file name: na na boo boo
NA NA BOO BOO TO YOU - You have been punk'd!
PS D:\demopython>
```

```
ch7ex2.py X
ch7ex2.py > ...
1
2 fname = input("Enter the file name: ")
3 fhand = open(fname)
4 count = 0
5 total = 0.0
6
7 for line in fhand:
8     line = line.strip()
9     if line.startswith("X-DSPAM-Confidence:"):
10        value = float(line.split(":")[1])
11        total += value
12        count += 1
13 avg = total / count
14 print("Average spam confidence:", avg)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch7ex2.py
Enter the file name: mbox-short_1.txt
Average spam confidence: 0.7507185185185187
PS D:\demopython>
```

ch8ex5.py X

```
ch8ex5.py > ...
1 fname = input("Enter file name: ")
2 fhand = open(fname)
3
4 count = 0
5
6 for line in fhand:
7     line = line.rstrip()
8     if line.startswith("From "):
9         words = line.split()
10        print(words[1])
11        count += 1
12
13 print("There were", count, "lines in the file with From as the first word")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
david.horwitz@uct.ac.za
david.horwitz@uct.ac.za
david.horwitz@uct.ac.za
david.horwitz@uct.ac.za
stephen.marquard@uct.ac.za
louis@media.berkeley.edu
louis@media.berkeley.edu
ray@media.berkeley.edu
cwen@iupui.edu
cwen@iupui.edu
cwen@iupui.edu
There were 27 lines in the file with From as the first word
PS D:\demopython>
```

```
❷ ch8ex4.py X
❸ ch8ex4.py > ...
1  fname = input("Enter file name: ")
2  fhand = open(fname)
3
4  words_list = []
5
6  for line in fhand:
7      words = line.split()
8      for word in words:
9          if word not in words_list:
10              words_list.append(word)
11
12 words_list.sort()
13 print(words_list)
14
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch8ex4.py
Enter file name: romeo.txt
['Arise', 'But', 'It', 'Juliet', 'Who', 'already', 'and', 'breaks', 'east', 'envious', 'fair', 'grief', 'is', 'kill', 'light', 'moon',
'pale', 'sick', 'soft', 'sun', 'the', 'through', 'what', 'window', 'with', 'yonder']
PS D:\demopython>
```

```
❷ ch8ex6.py X
❸ ch8ex6.py > ...
1  numbers = []
2
3  while True:
4      s = input("Enter a number: ")
5      if s == "done":
6          break
7      try:
8          num = float(s)
9          numbers.append(num)
10     except:
11         print("Invalid input")
12
13 print("Maximum:", max(numbers))
14 print("Minimum:", min(numbers))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch8ex6.py
Enter a number: 3
Enter a number: 7
Enter a number: 4
Enter a number: 6
Enter a number: 9
Enter a number: done
Maximum: 9.0
Minimum: 3.0
PS D:\demopython>
```

```
ch5ex2.py X
ch5ex2.py > ...
1   s= None
2   max=0
3   min=0
4   dem=0
5   while s!='done':
6       s=input('Enter a number:')
7       try:
8           s=int(s)
9           if (s>max):
10               max=s
11           if (s<min or dem==0):
12               min=s
13           dem=dem+1
14       except:
15           if s!='done':
16               print('Invalid input')
17   print(max, min)

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch5ex2.py
Enter a number:5
Enter a number:6
Enter a number:7
Enter a number:8
Enter a number:9
Enter a number:abc
Invalid input
Enter a number:1
Enter a number:done
9 1
PS D:\demopython>
```

```
✖ ch5ex1.py ✘
✖ ch5ex1.py > ...
1 s= None
2 tong=0
3 dem=0
4 while s!='done':
5     s=input('Enter a number:')
6     try:
7         s=int(s)
8         tong=tong+s
9         dem=dem+1
10    except:
11        if s!='done':
12            print('Invalid input')
13 print(tong, dem, tong/dem)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\demopython> & C:/Users/hoain/AppData/Local/Programs/Python/Python313/python.exe d:/demopython/ch5ex1.py
Enter a number:3
Enter a number:4
Enter a number:5
Enter a number:abc
Invalid input
Enter a number:7
Enter a number:done
19 4 4.75
PS D:\demopython>
```