

Ex2 chương 6

The screenshot shows the Visual Studio Code interface. At the top, there's a navigation bar with 'Terminal' and 'Help' tabs, and a search bar containing 'vscode-python'. Below the navigation bar, there are three tabs: 'cv.ipynb', 'c6.py', and 'ktd'. The 'c6.py' tab is active, displaying the following code:

```
text = 'X-DSPAM-Confidence:0.8475'
colon_pos = text.find(':')
number_str = text[colon_pos + 1:]
number = float(number_str)
print(number)
```

Below the tabs, there's a large workspace area. At the bottom of the workspace, there are several status indicators: 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL' (which is selected), 'PORTS', and 'JUPYTER'. To the right of these, there's a sidebar with sections for 'Code' and 'Python Deb...'. The terminal tab at the bottom shows the command line output:

```
PS C:\Users\ACER\Documents\Zalo Received Files\vscode-python> & 'c:\Users\ACER\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\ACER\.vscode\extensions\ms-python.debugpy-2025.14.1-win32-x64\bundled\libs\debugpy\launcher' '55642' '--' 'c:\Users\ACER\Documents\Zalo Received Files\vscode-python\c6.py'
0.8475
PS C:\Users\ACER\Documents\Zalo Received Files\vscode-python>
```

At the very bottom, there's a toolbar with icons for file operations like 'New File', 'Save', 'Find', and 'Replace', along with other standard OS icons.

Ex1 chương 7

```
 ex6.py > ...
1  # shout.py
2  fname = input("Enter the file name: ")
3  try:
4      with open(fname, 'r') as f:
5          for line in f:
6              print(line.strip().upper())
7  except FileNotFoundError:
8      print("File not found.")
9
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
FROM: DLHAINES@UMICH.EDU
SUBJECT: [SAKAI] SVN COMMIT: R37107 - CTOOLS/TRUNK/BUILDS/CTOOLS_2-4/TOOLS
X-CONTENT-TYPE-OUTER-ENVELOPE: TEXT/PLAIN; CHARSET=UTF-8
X-CONTENT-TYPE-MESSAGE-BODY: TEXT/PLAIN; CHARSET=UTF-8
CONTENT-TYPE: TEXT/PLAIN; CHARSET=UTF-8
X-DSPAM-RESULT: INNOCENT
X-DSPAM-PROCESSED: THU OCT 18 10:56:16 2007
X-DSPAM-CONFIDENCE: 0.9836
X-DSPAM-PROBABILITY: 0.0000

DETAILS: HTTP://SOURCE.SAKAIPROJECT.ORG/VIEWSVN/?VIEW=REV&REV=37107

AUTHOR: DLHAINES@UMICH.EDU
DATE: 2007-10-18 10:53:52 -0400 (THU, 18 OCT 2007)
NEW REVISION: 37107

MODIFIED:
CTOOLS/TRUNK/BUILDS/CTOOLS_2-4/TOOLS/APPLYPATCHES.PL
LOG:
CTOOLS: CLEAN UP APPLYPATCHES.PL

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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.
```

Ex2 chương 7

```
 ex6.py > ...
1  # avg_confidence.py
2  fname = input("Enter the file name: ")
3  count = 0
4  total = 0
5
6 try:
7     with open(fname, 'r') as f:
8         for line in f:
9             if line.startswith("X-DSPAM-Confidence:"):
10                 # Tách số sau dấu :
11                 value = float(line.split(":")[1])
12                 total += value
13                 count += 1
14
15     if count > 0:
16         print("Average spam confidence:", total / count)
17     else:
18         print("No X-DSPAM-Confidence lines found.")
19 except FileNotFoundError:
20     print("File not found.")

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS    Python Debug Console + ▾ ✖ ⋯ | ⌂ ×
PS C:\Users\ACER\Documents\Zalo Received Files\vscode-python> & 'c:\Users\ACER\AppData\Local\Programs\Python\Python313\python.exe
' 'c:\Users\ACER\.vscode\extensions\ms-python.debugpy-2025.14.1-win32-x64\bundled\libs\debugpy\launcher' '57823' '--' 'c:\Users\AC
ER\Documents\Zalo Received Files\vscode-python\ex6.py'
Enter the file name: mbox.txt
Average spam confidence: 0.8941280467445736
```

Ex3 chương 7

TH1:

The screenshot shows a code editor window for VS Code. The file ex6.py is open, containing the following Python code:

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

Below the code editor is a terminal window showing the execution of the script:

```
PS C:\Users\ACER\Documents\Zalo Received Files\vscode-python> python -u "c:\Users\ACER\Documents\Zalo Received Files\vscode-python\ex6.py"
Enter the file name: mbox.txt
There were 1797 subject lines in mbox.txt
```

TH2:

```
✖ ex6.py > ...
1  # egg.py
2  fname = input("Enter the file name: ")
3
4  if fname.lower() == "na na boo boo":
5      print("NA NA BOO BOO TO YOU - You have been punk'd!")
6  else:
7      try:
8          count = 0
9          with open(fname, 'r') as f:
10             for line in f:
11                 if line.startswith("Subject:"):
12                     count += 1
13             print(f"There were {count} subject lines in {fname}")
14     except FileNotFoundError:
15         print(f"File cannot be opened: {fname}")
16
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\ACER\Documents\Zalo Received Files\vscode-python> python -u "c:\Users\ACER\Documents\Zalo Received Files\vscode-python\ex6.py"
Enter the file name: na na boo boo
NA NA BOO BOO TO YOU - You have been punk'd!
```