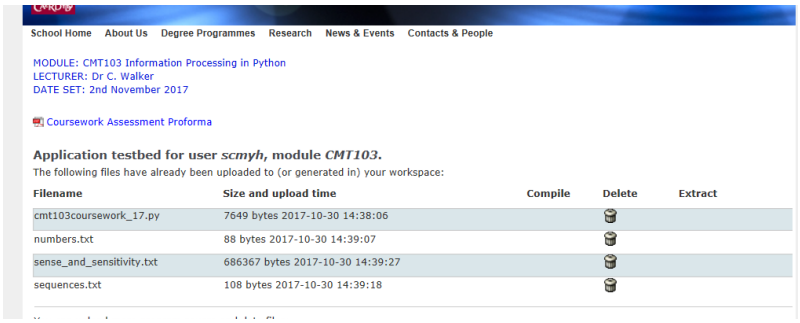
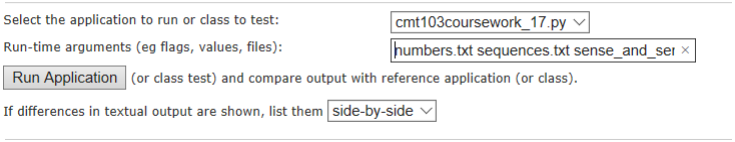
Using CMT103 Testbed for Testing and Submission

1. Go to https://egeria.cs.cf.ac.uk/, select CMT103 module and login.
2. In *Enter the name of file to upload*, use *browse* to locate the file you like to upload and then click on *upload*. You may see in the following screenshot I uploaded four files: the python script and three txt files for testing.



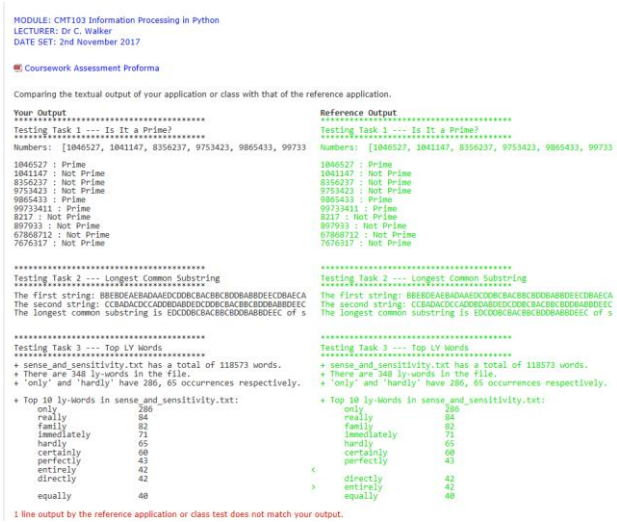
Make sure you only upload one python script. You may update the python file by uploading it again (the old one will be overwritten). But **NEVER** upload more than one python file.

3. To run the python file, you need to make sure *Set the application to run or class to test* is the python file you have uploaded. In *Run-time arguments*, make sure you enter the text file names in the order of txt file for prime number test, txt file for finding common string and txt file for top ly-words. You may choose either side-by-side or vertically to display two outputs (yours against mine). See screenshot below for my input:



Note: you may use your own test files, assume they are *num2.txt, seq2.txt* and *book2.txt*, in which case you need to upload them too, and then type in '*num2.txt, seq2.txt book2.txt*' in *Run-time arguments*.

4. Click *Run Application* you will have (it will take a minute or so) the output. The following screenshot shows you what you may expect when your code and my code return side-by-side:



MODULE: CMT103 Information Processing in Python
LECTURER: Dr C. Walker
DATE SET: 2nd November 2017

Coursework Assessment Proforma

Comparing the textual output of your application or class with that of the reference application.

```
Your Output                                          Reference Output
*****************************************          *****************************************
Testing Task 1 --- Is It a Prime?                    Testing Task 1 --- Is It a Prime?
*****************************************          *****************************************
Numbers:  [1046527, 1041147, 8356237, 9753423, 9865433, 99733   Numbers:  [1046527, 1041147, 8356237, 9753423, 9865433, 99733

1046527 : Prime                                      1046527 : Prime
1041147 : Not Prime                                  1041147 : Not Prime
8356237 : Not Prime                                  8356237 : Not Prime
9753423 : Not Prime                                  9753423 : Not Prime
9865433 : Prime                                      9865433 : Prime
99733411 : Prime                                     99733411 : Prime
8217 : Not Prime                                     8217 : Not Prime
897933 : Not Prime                                   897933 : Not Prime
67868712 : Not Prime                                 67868712 : Not Prime
7676317 : Not Prime                                  7676317 : Not Prime


*****************************************          *****************************************
Testing Task 2 --- Longest Common Substring          Testing Task 2 --- Longest Common Substring
*****************************************          *****************************************
The first string: BBEBDEAEBADAAEDCDDBCBACBBCBDDBABBDEECDBAECA   The first string: BBEBDEAEBADAAEDCDDBCBACBBCBDDBABBDEECDBAECA
The second string: CCBADACDCCADDBDABDEDCDDBCBACBBCBDDBABBDEEC   The second string: CCBADACDCCADDBDABDEDCDDBCBACBBCBDDBABBDEEC
The longest common substring is EDCDDBCBACBBCBDDBABBDEEC of s   The longest common substring is EDCDDBCBACBBCBDDBABBDEEC of s


*****************************************          *****************************************
Testing Task 3 --- Top LY Words                      Testing Task 3 --- Top LY Words
*****************************************          *****************************************
+ sense_and_sensitivity.txt has a total of 118573 words.   + sense_and_sensitivity.txt has a total of 118573 words.
+ There are 348 ly-words in the file.                + There are 348 ly-words in the file.
+ 'only' and 'hardly' have 286, 65 occurrences respectively.   + 'only' and 'hardly' have 286, 65 occurrences respectively.

+ Top 10 ly-Words in sense_and_sensitivity.txt:      + Top 10 ly-Words in sense_and_sensitivity.txt:
      only              286                                only              286
      really            84                                 really            84
      family            82                                 family            82
      immediately       71                                 immediately       71
      hardly            65                                 hardly            65
      certainly         60                                 certainly         60
      perfectly         43                                 perfectly         43
      entirely          42                           <
      directly          42                                 directly          42
                                                     >    entirely          42
      equally           40                                 equally           40
```

1 line output by the reference application or class test does not match your output.

notice in the above screenshot there is one line difference. However it is because *entirely* and *directly* are both have the same number of occurrences, and both output are correct.