Kopila Bhattarai  
11/13/2019  
IT FDN 100A  
Assignment 6

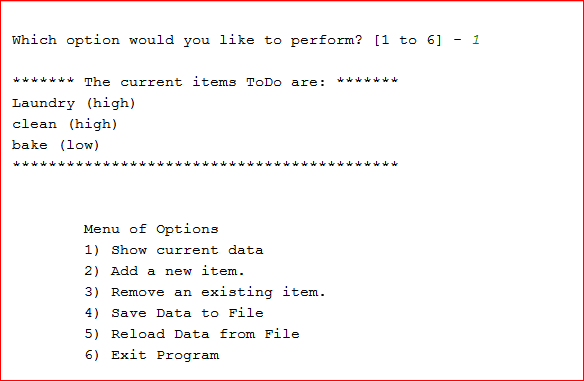
# Documentation for Assignment 6

Introduction:

This document explains the working process of Assignment 6program script  
  
The script asks user to enter a choice from menu items (list of 1 through 5) where each choice accomplishes the following task:

1)Show current data,  
2) Add a new item,  
3) Remove an existing item,  
4) Save data to file,  
5) Reload data from file and

6)Exit the program

When the program is run and if first choice is selected, it displays the existing to do list as shown in the following screenshot:   
  
  
Figure 1: Working Script in PyCharm when Option 1 is selected  
  
When choice 2 is selected, the program asks user-input for a new to do item and its priority level to be added to the list. Once that is added, the program adds that item to its existing to do list as displayed in the following screenshot:

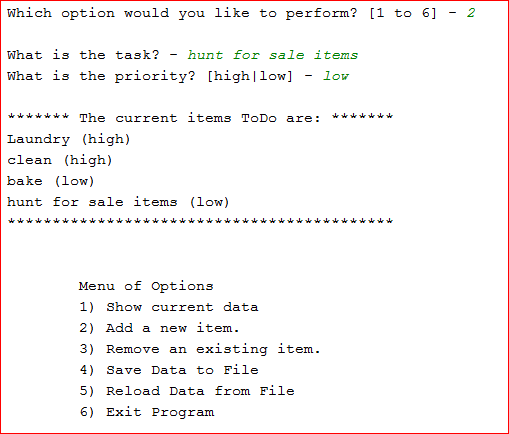
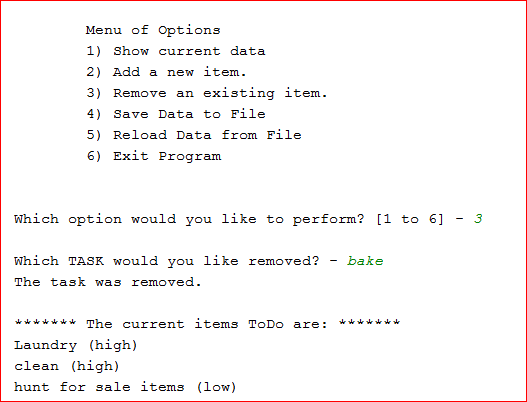
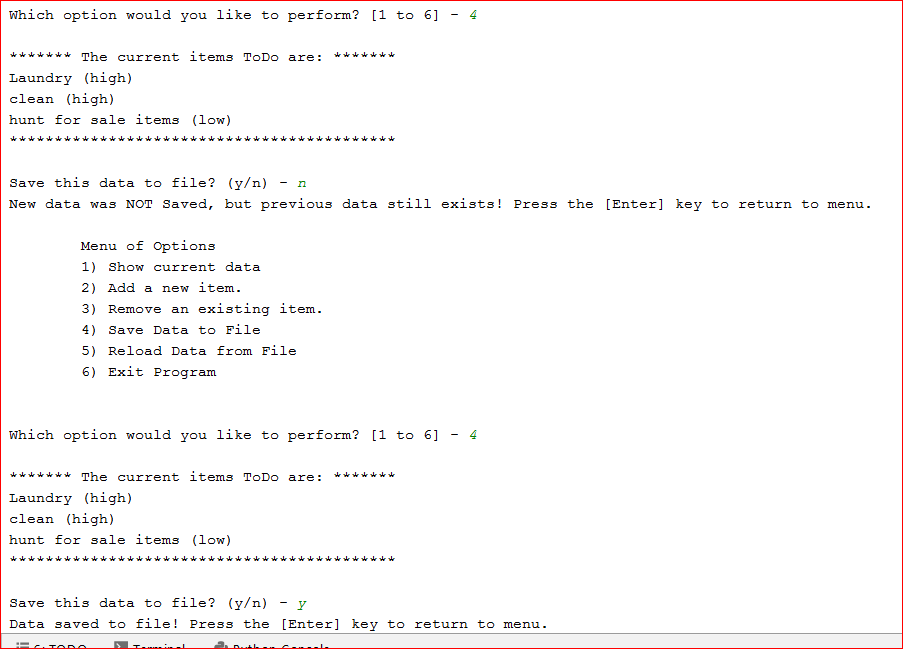
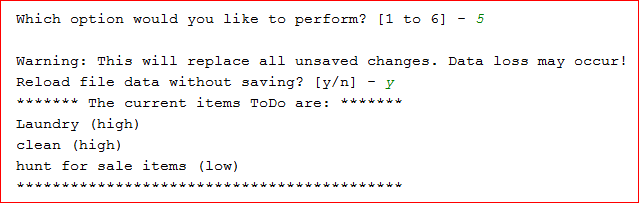


Figure 2: Working Script in PyCharm when Option 2 is selected  
  
When the user selects option 3 (to remove existing item), the program asks the user on which task is to be deleted. Once the user enters the task that they want to be deleted, then the program generates a delete confirmation message and the new to do list is displayed as shown in the following screenshot.



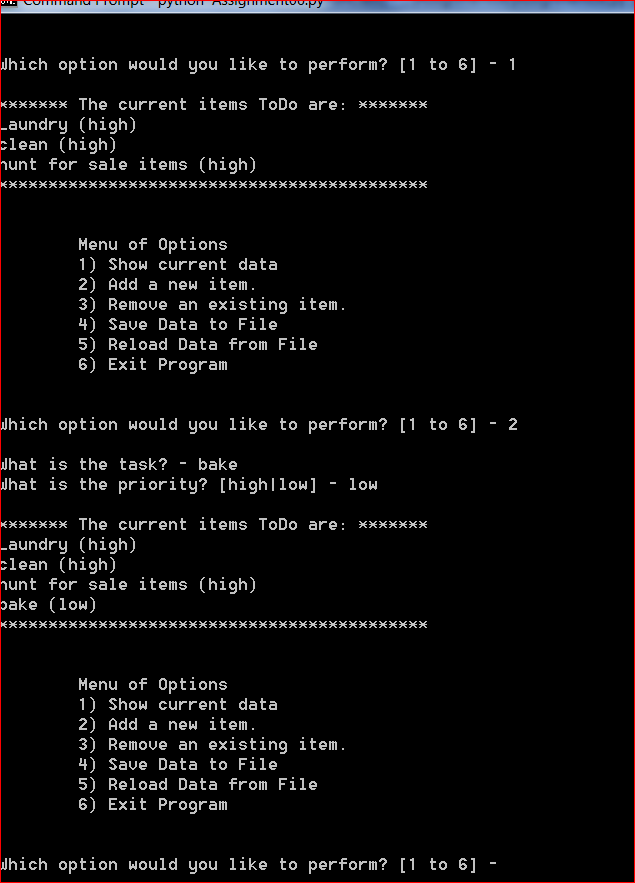
*Figure 3: Working Script in PyCharm when Option 2 is selected*

When the user wants to save the current list, they press option 4. Then current list of do to tasks and their respective priority levels are displayed along with a question of whether or not the user wants to save that list. If the user types ‘n’, the list is kept as it is and a confirmation message is displayed. If the user types ‘y’, the list is saved to a file and a message is displayed saying that the file was saved as displayed in the following screenshot:   
  
  
Figure 4 : Working Script in PyCharm when Option 4 is selected  
  
If the user selects option 5, the program displays a message warning that it will replace all unsaved changes and that data loss might occur as displayed in the following screenshot:

Figure 5: Working Script in PyCharm when Option 5 is selected

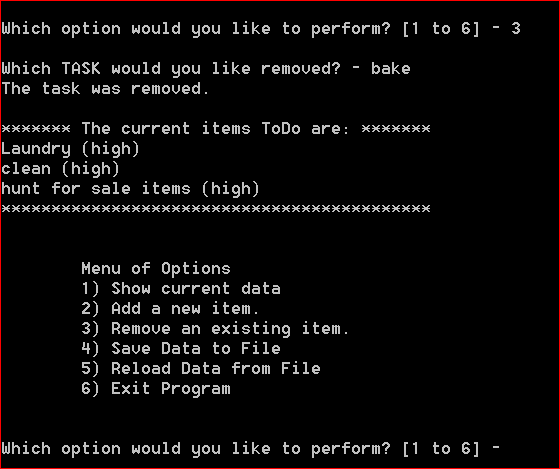
The program ends when the user selects option 6.   
  
  
**The following discusses documentation for Assignment 6 program script in command shell**

When choice 1 is entered, the program displays existing to do list. When choice 2 is entered, the program asks for user for a new to do item and its respective priority level. Once entered, they are saved on the to do list as displayed in the following screenshot:

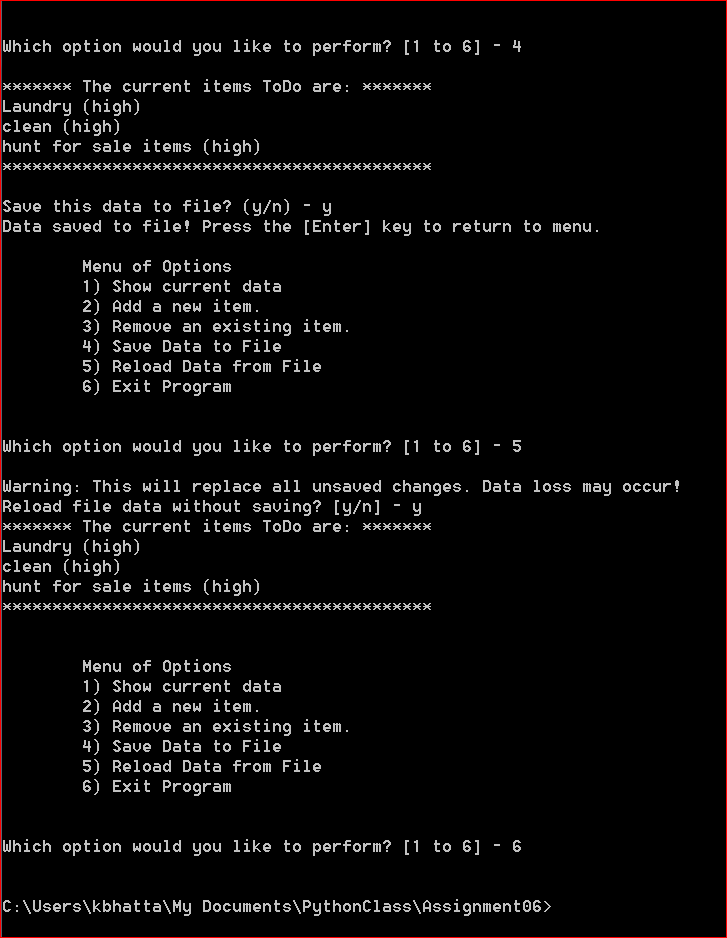


*Figure 6: Working Script in Command Shell when Options 1 and 2 are Selected*

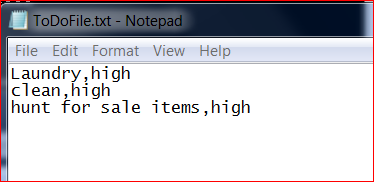
When user selects option 3, the program asks which item needs to be deleted. When the user enters a task to be deleted, then that item is removed from the to do list and a the new list is displayed as seen below:

   
*Figure 7: Working Script in Command Shell when Option 3 is Selected*

When option 4 is selected, the program saves current to do list on to a text file. When option 5 is selected, the list is reloaded. Option 6 exits the program. The following screenshot shows the output of options 4, 5 and 6 respectively:

  
*Figure 8: Working Script in Command Shell when Options 4, 5 and 6 are Selected*

The to do list data is added in a text file as displayed in the following figure:

  
Figure 9: User-input Data Added in a Text- File

Summary:  
In summary, this document explains what Assignment 06 script does.