**Inputs**

Menu\_selection

Item\_add

Item\_complete

**Outputs**

Todo\_list

Completed\_list

**Functions**

Display\_menu – list menu options and return user selection

View\_todo – display current todo list

View\_completed – display current list of completed tasks

Add\_item – add a new item to list

Delete\_item – remove item from list

**Program**

Todo\_list = []

Finished\_list = []

Display\_menu

User\_input = 0

Show selections:

1) View the items on your todo list

2) View the items you have finished

3) Add an item to the todo list

4) Mark a todo list item as completed

5) Exit the Todo List Application (your list will not be saved)

User\_input = selection

Validate input is between 1 and 5

Return user\_input

View\_todo

Display “This is your todo list:”

If todo\_list is blank then “There is nothing to display.” Otherwise list items

View\_completed

Display “This is your list of completed tasks:”

If finished\_list is blank then “There is nothing to display.” Otherwise list items

Add\_item (list\_name, item\_add)

Append item\_add to list\_name

Delete\_item (list\_name, index)

Remove index from list\_name

Main

Menu\_selection = display\_menu()

If menu\_selection = 1 then view\_todo()

ElseIf menu\_selection = 2 then view\_completed()

ElseIf menu\_selection = 3 then

Item\_add = input “What would you like to add?”

Add\_item (todo\_list, item\_add)

ElseIf menu\_selection = 4 then

“Choose an item to mark completed” and display todo\_list

Item\_complete = input “Please choose one of the options above:”

Validate item\_complete is an actual choice

Item\_selected = todo\_list(item\_complete)

Add\_item (finished\_list, item\_selected)

Delete\_item (todo\_list, item\_selected)