Lab 12

Have the user input a filename to read in integers from. Print each to the screen, one per line and keep a running total. Print the total at the end. If the file does not exist say so and do not print the total.

Test Case 1:

File contents (ask user to enter filename, the file they enter contains this):

2 4 6 8 10

Sample output:

Read 2 from file.

Read 4 from file.

Read 6 from file.

Read 8 from file.

Read 10 from file.

Total is 30.

Test Case 2:

File contents (ask user to enter filename, the file they enter contains this):

1
3
5
7
Sample Output:

Read 1 from file.

Read 3 from file.

Read 5 from file.

Read 7 from file.

Total is 16.

Test Case 3:

(nonexistent file – user enters nonexistent filename)

Sample output:

Failed to open file.