## **Documentation**

Report 1. When I input an ID, I expect an output of the animal's Information from the table related to the ID:



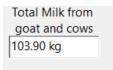
Report 2. When called, it will calculate all profit make by each animal and add them together to display the total profit the farm has made.



Report 3. When called, it calculates and displays the approximate amount of tax per month



Report 4. When called, I expect it add all milk collected and display it.



Report 5: I expect that by adding up animals age and counting no. of animals, I can find the average age of farm animals (except the dog)



Report 6. When called, I expect to the calculate the profit of Goats&Cows and the profit of Sheep, find the average between those two and display them been compared.

Average Profit CowsGoats Vs. Sheep |-\$1.47 | \$2,291.08

Report 7. When called, expect to calculate Dogs Cost and Other Animal Cost and display comparing them



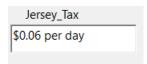
Report 8. I expect the algorithm to take the profit and sorting them in ascending order with their ID and output it to a text file.

ID | Profit 1003 | -\$11.01 1101 | -\$9.02 1104 | -\$8.42 1004 | -\$6.10 1106 | -\$5.31 1102 | -\$4.19 1105 | -\$0.79 1007 | -\$0.79 1103 | \$0.06 1002 | \$0.07 1000 | \$0.53 1100 | \$1.04 1107 | \$1.53 1005 | \$2.19 1006 | \$3.62 1001 | \$17.71 3001 | \$1,733.55 3007 | \$1,965.29 3006 | \$2,079.18 3000 | \$2,079.40 3003 | \$2,194.21 3004 | \$2,542.30 3002 | \$2,543.96 3005 | \$2,655.86

Report 9. When called, expect to display the ratio between animals with red color and other colors

Red : All color

Report 10 When called, expect to calculate the total Jersey Cow tax and display it.



11. When called, expect all information from hashtable to be print out over the entered age number.



12. When called, expect to approximate amount of profit earned from all Jersey Cow

