User story 1

Input:

customer id,customer name,complaint type,category,phone ,address,status

9733545201,Minnnie Hardy-Piggin,Voltage Issue,Exterior Signage,303-462-3312,500 Schiller Crossing,inactive

9408298160,Roshna Diggi,Network Issue,Sitework & Site Utilities,990-723-6388,9640 Jana Street,inactive

1923407333,Brokel Margot,Pipeline Issue,Elevator,355-244-4121,3 Hagan Junction,active

7162578837,Edward Hawklein,Stabilizer issue,HVAC,888-684-7525,152 Birchwood Plaza,active

5254824220,Melina widsperd,PowerShortage,Electrical,389-233-7871,6452 Barnett Crossing,active

Command to count the number of active complaints which is provided in Status.

ANS: grep -c ‘active’ complaints.txt  
  
  
User story 2

Input:

customer id, customer name, phone number, address, bill amount, mode of payment

1101132490783, Helley Edward,,365-152-5109,97 South Court,2038, americanexpress

6197697033, Cinekil Ghutthh,,742-792-0766,3 Wayridge Road,8292, visa

7549902657, Anett Tower,340-689-8346,120 Eagan Way,4961, rupay

9620992470, Barny Skea,255-227-4485,491 Gulseth Point,3416, maestro

4373947874, Audra Duinbleton,248-891-8520,1 Prentice Trail,3266, visa

Command to display the details of ConsumerID: 1101132490783 in the given order:

ConsumerId| CustomerName | Bill Amount |Mode of Payment

If the given consumer does not exist, then it should print "Consumer Not Found"

ANS: awk -F',' '$1 == 1101132490783 {print $1"|"$2"|"$5"|"$6; found=1; exit} END {if (!found) print "Consumer Not Found"}' bill.txt

User story 3

Input:

customerId|customerName|month1|month2|month3|month4|month5

5752667801|Selina Markot|0.68|4.85|5.60|7.99|9.00

6926970211|Bronile Stork|9.78|1.39|2.06|2.68|7.82

1757283269|Cambig Callel|8.10|3.06|2.07|6.40|8.35

9441925136|George Jak|4.22|5.24|3.99|5.32|7.31

7575886524|Rensik Margoita|9.53|7.35|7.21|2.04|9.51

Write a Unix command that calculates the average bill for each consumer and prints the result in the below format in descending order :

ConsumerID | Customer Name | Average Bill

ANS: awk -F'|' 'NR>1{sum=0; for(i=3;i<=NF;i++) sum+=$i; avg=sum/(NF-2); print $1" | "$2" | "avg}' | sort -t'|' -k3,3nr