Lecture 6

|  |
| --- |
|  |
| hhuang66@matrix:~/DPS918> awk '{inventory+=$5} END {print "Our total inventory has a value of $" inventory}' cars  Our total inventory has a value of $81625  hhuang66@matrix:~/DPS918> awk '{inventory+=$5} END {print "The average cost of a car on our lot is $" inventory/NR}' cars  The average cost of a car on our lot is $6278.85  hhuang66@matrix:~/DPS918> awk '{inventory+=$5} END {print "The average cost of a car on our lot is $" NR}' cars  The average cost of a car on our lot is $13  hhuang66@matrix:~/DPS918> awk '{inventory+=$5} END {printf "The average cost of a car on our lot is $%10.3f\n", inventory/NR}' cars  The average cost of a car on our lot is $ 6278.846  hhuang66@matrix:~/DPS918> awk '$5 > price {price=$5} END {print "Our most expensive car has a price of $" price}' cars  Our most expensive car has a price of $17000  hhuang66@matrix:~/DPS918> awk '$5 <='$price' {quantity++} END {print "We have " quantity " cars under $"'$price'}' cars  We have 1 cars under $0  hhuang66@matrix:~/DPS918> price=6000  hhuang66@matrix:~/DPS918> awk '$5 <='$price' {quantity++} END {print "We have " quantity " cars under $"'$price'}' cars  We have 8 cars under $6000  hhuang66@matrix:~/DPS918> sort -rnk5 cars | awk 'NR==1 {price=$5} price==$5'  ford thundbd 84 10 17000  ford mustang 65 45 17000  hhuang66@matrix:~/DPS918> awk '$5 > price {price=$5} END {print price}' cars | xargs -Ixxx awk '$5 == xxx' cars  ford mustang 65 45 17000  ford thundbd 84 10 17000  hhuang66@matrix:~/DPS918> awk '$5 == '$(awk '$5 > price {price=$5} END {print price}' cars) cars  ford mustang 65 45 17000  ford thundbd 84 10 17000 |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| hhuang66@matrix:~/DPS918/Lecture6> mkdir testdir  hhuang66@matrix:~/DPS918/Lecture6> cd testdir  hhuang66@matrix:~/DPS918/Lecture6/testdir> touch .file .file{1..10} .pic{1..5}.gif file file{1..100} pic.jpg pic{1..20}.jpg pic.gif pic{21..40}.gif pic.jpeg pic{41..60}.jpeg video{1..40}.mpeg pic27 pic38  hhuang66@matrix:~/DPS918/Lecture6/testdir> ls |
|  |
| hhuang66@matrix:~/DPS918/Lecture6/testdir> ls file?2  file12 file22 file32 file42 file52 file62 file72 file82 file92 |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |