

1.
 - a. Humans and rats have the greatest number of orthologs, whereas worms and yeasts have the least number of orthologs.
2.
 - a. Using `sh awkcel.sh 'date=="2011-07-01"{print AMZN, MSFT}; date=="2011-07-05"{print AMZN, MSFT}'`
`/home/wayne/pub/cs146/awkcel/historical.2011.tsv`
July 1st: AMZN 209.49 MSFT 26.02
July 5th: AMZN 213.19 MSFT 26.03
They went up during the July 4th holiday
 - b. Using `sh awkcel.sh '{print date, AMZN}'`
`/home/wayne/pub/cs146/awkcel/historical.2011.tsv`
The worst day was 2011-10-25 when AMZN when down by \$29.07 per share
 - c.
3. `sh awkcel.sh "$(cat galaxy.sh)"`
`/home/wayne/pub/cs146/awkcel/SDSS+GZ1+SpArcFiRe+SFR.tsv`
There are 525464 galaxies whose P_SP equal zero exactly, and there are 94299 galaxies whose P_SP equal 1 exactly.