CS 307

Programming Assignment 1 Ege Aktemur 28080

1) Explanation of Command

Diff command is used for showing the differences between the files. Moreover -y flag can be used for showing the differences between files in two columns to enhance the readability.

I picked this command because I generally have many files or codes in my computer with small differences and similar names. Because of this I try to distinguish them by eye which is very hard. Diff -y can be used to solve this easier which is exampled below.

According to the http://itdoc.hitachi.co.jp/manuals/3021/3021336210e/JPAS0330.HTM symbols in diff -y shows:

(())

The following symbols are displayed before the lines to indicate the difference:

```
>: Line was added
<: Line was deleted
|: Line was changed
\ (escape character): path-name-1 line contains no end-of-line code
/: path-name-2 line contains no end-of-line code
```

"

2) Analysis of Command

As can be seen in the command.txt and pipeSim.c I used -e flag in the command which solves the problems with special characters. Moreover, I also use -a 2 flag in the command to show more lines with grep of man result for the given command.

3) Analysis of Program

