

Executing Commands with sed



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Danny's Required to Archive Old Catalogs

Old DIY'r'Us catalogs
are listed in text file

Currently Danny reads
the file and archives the
Catalog

Danny needs to
automate this

```
sed 's/^/ls -l /e listoffiles.txt'
```

Making full use of the ever useful sed **substitute** command coupled with **execute**, we can read arguments from the input file. We then substitute the start of the line with the **command to be run** against the argument...let me show you

Archiving DIY'r'Us Catalogs

Require a leading
forward slash

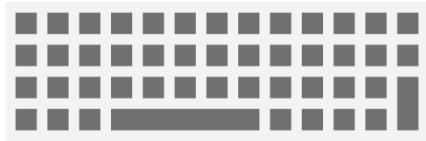
Append matching
line to TAR file

File will contain
catalogs to archive

```
$ sed ' /^\\// s/^/tar -rf catalog.tar /e' cat.list
```

```
$ sed ' /^\\// s/^/rm -f /e' cat.list
```

The original catalog
is deleted



Demo Time: Archiving DIY'r'US catalogs

<ESC>

: 2,10 s/^/ /

Bonus Slide: Adding indents to code using vim

While we look at replacing the start of the line /[^]/

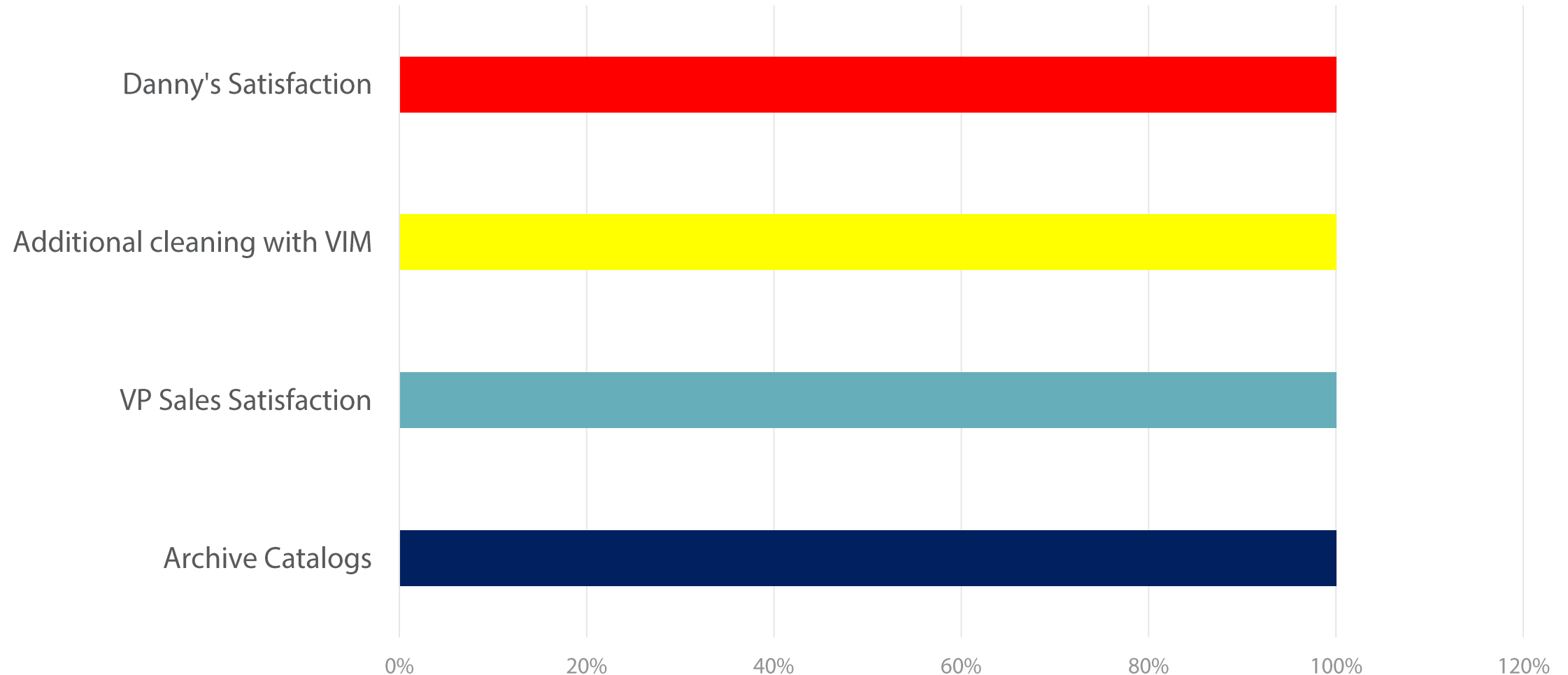
Within vim we can **indent** code that has not already been indented correctly

Here we indent lines **2 through to 10** with **4 spaces**



Demo Time: Want to take a look at VIM?

Summary of Danny's Performance



Sometimes sed is not Enough

grep was good

sed, most satisfactory

but neither is enough

not for Danny

When awk is awesome

