

# 504 Waive Assignment

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## Part1

1. Make the directory

```
ls -l  
mkdir exam && cd exam
```

2. Download the pokemon.txt

```
wget -c https://raw.githubusercontent.com/SI504/TextParse1/main/Pokemon.txt
```

3. Count the grass pokemons

```
cat Pokemon.txt |grep -o Grass|grep -c Grass  
# 95
```

4. Count the fire pokemons

```
cat Pokemon.txt |grep -o Fire|grep -c Fire  
# 64
```

5. Show the details for 717th pokemon

```
cat Pokemon.txt |grep 717  
# 717||Yveltal||Dark||Flying||680||126||131||95||131||98||99||6||True
```

6. Show the last 5 pokemons

```
tail -n 5 Pokemon.txt  
# 719||Diancie||Rock||Fairy||600||50||100||150||100||150||50||6||True  
# 719||DiancieMega  
Diancie||Rock||Fairy||700||50||160||110||160||110||110||6||True  
# 720||HoopaHoopa  
Confined||Psychic||Ghost||600||80||110||60||150||130||70||6||True  
# 720||HoopaHoopa  
Unbound||Psychic||Dark||680||80||160||60||170||130||80||6||True  
# 721||Volcanion||Fire||Water||600||80||110||120||130||90||70||6||True
```

7. sort the users on the server

```
cat /etc/passwd|sort
```

```
# _apt:x:105:65534::/nonexistent:/usr/sbin/nologin
# backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
# bin:x:2:2:bin:/bin:/usr/sbin/nologin
# daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
# ec2-instance-connect:x:112:65534::/nonexistent:/usr/sbin/nologin
# games:x:5:60:games:/usr/games:/usr/sbin/nologin
# gnats:x:41:41:Gnats Bug-Reporting System
(admin):/var/lib/gnats:/usr/sbin/nologin
# irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
# landscape:x:110:115::/var/lib/landscape:/usr/sbin/nologin
# list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
# lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
# lxd:x:998:100::/var/snap/lxd/common/lxd:/bin/false
# mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
# man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
# messagebus:x:103:106::/nonexistent:/usr/sbin/nologin
# mlhess:x:1001:1001::/home/mlhess:/bin/bash
# news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
# nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
# pandapcd:x:1002:1002::/home/pandapcd:/bin/bash
# pollinate:x:111:1::/var/cache/pollinate:/bin/false
# proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
# root:x:0:0:root:/root:/bin/bash
# sshd:x:109:65534::/run/sshd:/usr/sbin/nologin
# sync:x:4:65534:sync:/bin:/bin/sync
# sys:x:3:3:sys:/dev:/usr/sbin/nologin
# syslog:x:104:110::/home/syslog:/usr/sbin/nologin
# systemd-coredump:x:999:999:systemd Core Dumper:/:/usr/sbin/nologin
# systemd-network:x:100:102:systemd Network
Management,,,:/run/systemd:/usr/sbin/nologin
# systemd-resolve:x:101:103:systemd
Resolver,,,:/run/systemd:/usr/sbin/nologin
# systemd-timesync:x:102:104:systemd Time
Synchronization,,,:/run/systemd:/usr/sbin/nologin
# tcpdump:x:108:113::/nonexistent:/usr/sbin/nologin
# tss:x:106:111:TPM software stack,,,:/var/lib/tpm:/bin/false
# ubuntu:x:1000:1000:Ubuntu:/home/ubuntu:/bin/bash
# uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
# uudd:x:107:112::/run/uudd:/usr/sbin/nologin
# www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
```

## 8. count the the number of props

```
curl https://raw.githubusercontent.com/SI504/office-hours-
app/master/src/assets/src/components/meetingTables.tsx|grep -o props|grep -c
props
# 54
```

## 9. get info about cpu

```
cat /proc/cpuinfo|grep cores
# cpu cores: 1
cat /proc/meminfo |grep MemTotal
# MemTotal: 1002100 kB
```

## 10. get inet result

```
ip -4 a
# 1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group
default qlen 1000
#    inet 127.0.0.1/8 scope host lo
#        valid_lft forever preferred_lft forever
# 2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc fq_codel state
UP group default qlen 1000
#    inet 172.31.73.195/20 brd 172.31.79.255 scope global dynamic eth0
#        valid_lft 2899sec preferred_lft 2899sec
```

## Part 2

### 1. clone the repo and enter

```
git clone https://github.com/si-504/intro-to-git-2-PANDapcd.git
cd intro-to-git-2-PANDapcd/
```

### 2. config the git

```
git config --global user.email "pandapcd@umich.edu"
git config --global user.name "pandapcd"
```

### 3. fix the cost.txt

```
vim cost.txt
git add -A
git commit -m "fix easy, workplace, safe in cost.txt"
git push origin main
```

### 4. fix the datause.txt

```
vim datause.txt
git add -A
git commit -m "fix state, changges, area in datause.txt"
git push origin main
```

### 5. fix the hipa.txt

```
vim hipa.txt
git add -A
git commit -m "fix information, report, fall, shared in hipa.txt"
git push origin main
```

### 6. fix the what\_is\_this\_tool.txt

```
vim the what_is_this_tool.txt
git add -A
git commit -m "fix Michigan, understand, pandemic in what_is_this_tool.txt"
git push origin main
```

## 7. fix the README.md

```
vim README.md  
git add -A  
git commit -m "fix spelling, each, made, original, updated in README.md"  
git push origin main
```