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Batch: A3

Experiment 3

Code to perform file operations:

```
ls
touch tempfile.sh
ls
mv tempfile.sh temp.sh
ls
cat temp.sh
```

Output:

```
date.sh  fileop.sh  ping.sh  temp.sh
date.sh  fileop.sh  ping.sh  tempfile.sh  temp.sh
date.sh  fileop.sh  ping.sh  temp.sh
```

Code to parse the date:

```
echo "Today's date is: "
date
```

Output:

```
Today's date is:
Sat Feb  5 01:53:18 AM EST 2022
```

Code to read and ping IP:

Create the first file (say ip.sh) and enter the code below

ifconfig -a | grep inet | grep -v '127.0.0.1' | awk '{ print $2}'

Create a second file then enter this code

./ip.sh > address.txt

#!/bin/sh

awk '{print $1}' < address.txt | while read ip;

do

if ping -c1 $ip>/dev/null 2>&1; then

echo $ip IS UP

else

echo $ip IS DOWN

fi

done

Output:

```
10.0.2.15 IS UP
fe80::a00:27ff:fe50:4c14 IS UP
::1 IS UP
```