```bash
-system.sh
#!/bin/bash

# INSTRUCTIONS: Edit the following placeholder command and output filepaths
# For example: cpu_usage_tool > ~/backups/cpuuse/cpu_usage.txt
# The cpu_usage_tool is the command and ~/backups/cpuuse/cpu_usage.txt is the filepath
# In the above example, the `cpu_usage_tool` command will output CPU usage information into
a `cpu_usage.txt` file.
# Do not forget to use the -h option for free memory, disk usage, and free disk space

# Free memory output to a free_mem.txt file
free -h > ~/backups/freemem/free_mem.txt

# Disk usage output to a disk_usage.txt file
du -h > ~/backups/diskuse/disk_usage.txt

# List open files to a open_list.txt file
lsof > ~/backups/openlist/open_list.txt

# Free disk space to a free_disk.txt file
df -h > ~/backups/freedisk/free_disk.txt

-lisaloop.sh
#!/bin/bash

files=(/etc/shadow /etc/passwd)

for file in ${files[@]}
do
        ls -lisa $file
done

-hashes.sh
#!/bin/bash

for file in $(ls ~/scripts)
do
        sha256sum ~/scripts/$file
done
```

```bash
-chmod_scripts.sh
#!/bin/bash

#scripts=$(ls ~/scripts)
#for script in ${scrips[@]}
for script in $(ls ~/scripts)
do
        if [ ! -x ~/scripts/$script ]
        then
                chmod +x ~/scripts/$script
        fi
done

-for_loops.sh
#!/bin/bash

states=(california montana wyoming colorado nevada)
echo ${states[@]}

for state in ${states[@]}
do
if [ $state = "california" ]
```