

1. for loops.sh

```
#!/bin/bash
```

```
# Create Variables
```

```
nums=$(echo {0..9})
```

```
states=('Nebraska' 'California' 'Texas' 'Hawaii' 'Washington')
```

```
ls_out=$(ls)
```

```
execs=$(find /home -type f -perm 777 2>/dev/null)
```

```
# Create For Loops
```

```
# Create a loop that prints only 3, 5 and 7
```

```
for num in ${nums[@]}; do
```

```
    if [ $num = 3 ] || [ $num = 5 ] || [ $num = 7 ]; then
```

```
        echo $num
```

```
    fi
```

```
done
```

```
# Create a loop that looks for 'Hawaii'
```

```
for state in ${states[@]}; do
```

```
    if [ $state == 'Hawaii' ]; then
```

```
        echo "Hawaii is the best!"
```

```
    else
```

```
        echo "I'm not a fan of Hawaii."
```

```
    fi
```

```
done
```

```
# Create a `for` loop that prints out each item in your variable that holds the output of the `ls` command.
```

```
for x in ${ls_out[@]}; do
    echo $x
done
```

Bonus

Create a for loop to print out execs on one line for each entry

```
for exec in ${execs[@]}; do
    echo $exec
```

```
done
```