

Assignment 3: Create a function that takes a filename as an argument and prints the number of lines in the file. Call this function from your script with different filenames.

#Function to count the number of lines in a file

```
count_lines(){
```

```
> local filename=$1
```

```
> if [ -f "$filename" ];then
```

```
> local line_count=$(wc -l < "$filename")
```

```
> echo "the file '$filename' has $line-count lines."
```

```
> else
```

```
> echo "the file '$filename' does not exist."
```

```
> fi
```

```
> }
```

```
count_lines "swathi.txt"
```

```
the file 'swathi.txt' does not exist
```

```
vi "swathi.txt"
```

```
count_lines "swathi.txt"
```

```
the file 'swathi.txt' has 5 lines.
```