

**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.

**Step 1:** create some files.

```
HP@Sai MINGW64 /d/Shell scripting
```

```
$ touch file1.txt
```

```
HP@Sai MINGW64 /d/Shell scripting
```

```
$ touch file2.txt
```

**Step 2:** Add data to those files.

```
HP@Sai MINGW64 /d/Shell scripting
```

```
$ cat > file1.txt
```

```
Hello
```

```
World
```

```
I
```

```
am
```

```
Wipro
```

```
HP@Sai MINGW64 /d/Shell scripting
```

```
$ cat file1.txt
```

```
Hello
```

```
World
```

```
I
```

```
am
```

```
Wipro
```

```
HP@Sai MINGW64 /d/Shell scripting
```

```
$ cat > file2.txt
```

```
RPS
```

**Wipro**

**HP@Sai MINGW64 /d/Shell scripting**

**\$ cat file2.txt**

**RPS**

**Wipro**

**Step 3:** Open vi to create the script.

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**\$ vi numberOfLinesFunc.sh**

**Step 4:** Enter insert mode by pressing i and enter the script.

```
numOfLines(){  
file=$1  
if [ -f $file ]; then  
    lines=$(wc -l < "$file")  
    echo "The file $file contains $lines lines."  
else  
    echo "The file $file doesn't exists."  
fi  
  
}  
  
numOfLines $@
```

**Step 5:** Press Esc and exit insert mode. Type :wq and press Enter to save and quit.

**Step 6:** Run the Script.

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**\$ bash numberOfLinesFunc.sh file1.txt**

**The file file1.txt contains 5 lines.**

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**\$ bash numberOfLinesFunc.sh file2.txt**

**The file file2.txt contains 2 lines.**

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**\$ bash numberOfLinesFunc.sh file3.txt**

**The file file3.txt doesn't exists.      // file doesn't exist**