

- ❖ **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.

```
count_lines() {  
    filename="$1"  
    if [ -f "$filename" ]; then  
        lines=$(wc -l < "$filename")  
        echo "Number of lines in $filename: $lines";  
    else  
        echo "$filename does not exist.";  
    fi  
}  
  
count_lines "rahul.txt";  
count_lines "class.txt";
```

```
rahul@DESKTOP-TAR1F8I:~$ ls  
DESKTOP  DOWNLOADS  Rahul  assignment1.txt  class.txt  rahul.txt  
rahul@DESKTOP-TAR1F8I:~$ count_lines() {  
> filename="$1"  
> if [ -f "$filename" ]; then  
>     lines=$(wc -l < "$filename")  
>     echo "Number of lines in $filename: $lines";  
> else  
>     echo "$filename does not exist.";  
> fi  
> }  
rahul@DESKTOP-TAR1F8I:~$ count_lines "rahul.txt";  
Number of lines in rahul.txt: 4  
rahul@DESKTOP-TAR1F8I:~$ count_lines "class.txt";  
Number of lines in class.txt: 1  
rahul@DESKTOP-TAR1F8I:~$
```