

## Day 7 – Assignment 1

- Write a program for count the number of files and folder present in the directory. if possible take the directory path from user.

### ✓ Count the Number of Files and Folder Present in the Directory

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

```
# Prompt the user to enter the directory path
```

```
echo "Enter the directory path:"
```

```
read dir_path
```

```
# Check if the directory exists
```

```
if [ -d "$dir_path" ]; then
```

```
    # Count the number of files in the directory
```

```
    file_count=$(find "$dir_path" -type f | wc -l)
```

```
    # Count the number of directories in the directory
```

```
    dir_count=$(find "$dir_path" -type d | wc -l)
```

```
    # Output the counts
```

```
    echo "Number of files in '$dir_path': $file_count"
```

```
    echo "Number of directories in '$dir_path': $dir_count"
```

```
else
```

```
    echo "The directory '$dir_path' does not exist."
```

```
fi
```