

# Problem 1 Week 02

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## Folder path on USB drive

```
USBFolderPath <- "D:/TargetFolder"
```

## Check if folder exists

```
if (dir.exists(USBFolderPath)) {cat("Folder found on USB drive:", USBFolderPath, "\n")} else
```

```
Folder found on USB drive: D:/TargetFolder
```

## Remove old values

```
rm ("ExternalDrive", "ExternalDriveFiles", "folder_path")
```

```
Warning in rm("ExternalDrive", "ExternalDriveFiles", "folder_path"): object  
'ExternalDrive' not found
```

```
Warning in rm("ExternalDrive", "ExternalDriveFiles", "folder_path"): object  
'ExternalDriveFiles' not found
```

```
Warning in rm("ExternalDrive", "ExternalDriveFiles", "folder_path"): object  
'folder_path' not found
```

## Current path

```
getwd()
```

```
[1] "C:/Users/lynnm/Documents/Week2"
```

## Copy folders and files from USB

```
DestinationPath <- "c:/Users/lynnm/Documents/Week2"
```

## Check if source exists

```
if (!dir.exists(USBFolderPath)) {stop("Source folder does not exist. Check USB path.")}
```

## Create destination folder if it doesn't exist

```
if (!dir.exists(DestinationPath)) {dir.create(DestinationPath, recursive = TRUE)}
```

## Copy folder recursively

```
success <- file.copy(from = USBFolderPath, to = DestinationPath, recursive = TRUE, copy.mode = TRUE)

if (success) {message("Copy completed successfully")} else {warning("Some files could not be copied")}
```

Copy completed successfully