

Level 6 Module 4 - Formative Assessment 1

Copying, Renaming, Deleting files

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Php enables you to copy, rename, and delete files. The functions to perform these operations are:

- `copy()`
- `rename()`
- `unlink()`

copy()

The `copy()` function takes two string arguments referring to the source and destination files. The function then copies the source file to the destination file.

The `copy()` function returns `true` if the file was copied successfully, otherwise it returns `false`.

rename()

To rename a file, you use the `rename()` function. This function also allows you to move a file to a different directory.

unlink()

To delete a file you use the `unlink()` function. You need to pass the file name that you want to delete to the `unlink()` function. The function returns `true` on success or `false` on failure.

Implementation

```
copyingfile.php x
1 <?php
2
3 $fn = './copyingfile.php';
4 $newfn = './copiedfile.php';
5
6 if(copy($fn,$newfn))
7 echo 'The file was copied successfully';
8 else
9 echo 'An error occurred during copying the file';
10
11
12 ?>
```

```
renaming_file.php x
1 <?php
2 $fn = './renaming_file.php';
3 $newfn = './file_renamed.php';
4
5 if(rename($fn,$newfn)){
6 echo sprintf("%s was renamed to %s",$fn,$newfn);
7 }else{
8 echo 'An error occurred during renaming the file';
9 }
10
11
12 ?>
```

```
deleting_file.php x
1 <?php
2 $fn = './deleting_file.php';
3
4 if(unlink($fn)){
5 echo sprintf("The file %s deleted successfully",$fn);
6 }else{
7 echo sprintf("An error occurred deleting the file %s",$fn);
8 }
```