**Copying Files and Folders**

The shutil module provides functions for copying files, as well as entire folders.

Calling shutil.copy(*source, destination*) will copy the file at the path *source* to the folder at the path *destination*. (Both *source* and *destination* are strings.) If *destination* is a filename, it will be used as the new name of the copied file. This function returns a string of the path of the copied file.

**Copying a file to a Folder:**

import shutil, os

>>> os.chdir("E:\VAM")

>>> shutil.copy("E:\VAM\hello.txt", "E:\VAM\MyFiles")

The above copy statement copies the file hello.txt to the folder MyFiles.

**Copying the contents of a file to a file in a folder:**

shutil.copy("E:\VAM\hello.txt", "E:\VAM\MyFiles\sample1.txt")

The above copy copies the file hello.txt to the folder MyFiles but gives the name sample1.txt. [You no need to create a file called sample1.txt, just name it in the destination path of shutil.copy command]

**Note:** The shutil.copy() will copy a single file

**Copying a folder and its contents to another folder:**

While shutil.copy() will copy a single file, shutil.copytree() will copy an entire folder and every folder and file contained in it. Calling shutil.copytree(*source, destination*) will copy the folder at the path *source*, along with all of its files and subfolders, to the folder at the path *destination*.

shutil.copytree("E:\VAM\MyFiles", "E:\VAM\MyBackup")

The shutil.copytree() call creates a new folder named MyBackup with the same content as the original MyFiles folder.