

```
import random
```

```
## Notice it is by design that the files names won't change unless  
## The input folder contains a subfolder called "Secret-Message"  
## don't want the possible opps...  
## random selection learned from stackoverflow.com/a/2823331/1815624  
## This program will add random letters to the filename.  
## trying to keep this some what simple
```

```
def encryptDirFileNames(parent_directory):  
    os.chdir(search_directory+os.sep+"Secret-Message")  
    file_list = os.listdir(search_directory+os.sep+"Secret-Message")
```

```
    for file_name in file_list:  
        nLetters = (random.choice(string.digits))  
        nLetters = int(nLetters) + 1  
        i=0  
        fLetters = random.choice(string.ascii_uppercase)  
        while i < nLetters:  
            fLetters = fLetters + random.choice(string.ascii_uppercase)  
            i = i + 1  
        os.rename(file_name, fLetters + file_name)
```

```
search_directory = "C:\Users\William\Projects\python\Udacity\Programming Foundations  
with Python\Lesson 1\Secret Message Mini Project"
```

```
encryptDirFileNames(search_directory)
```