

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

```
# Define the directory to search
```

```
dir="examples"
```

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

```
if [ -d "$dir" ]
```

```
then
```

```
    # Use find to locate all .py files in the directory and its subdirectories
```

```
    for file in $(find $dir -name "*.py")
```

```
    do
```

```
        # Extract the file name and directory
```

```
        base=$(basename $file .py)
```

```
        dir=$(dirname $file)
```

```
        # Check if the file name already contains _example
```

```
        if [[ $base == *_example ]]
```

```
        then
```

```
            echo "Skipping $file as it already contains _example"
```

```
            continue
```

```
        fi
```

```
        # Append _example to the file name
```

```
        newname="${base}_example.py"
```

```
        # Rename the file
```

```
mv $file $dir/$newname
```

```
echo "Renamed $file to $dir/$newname"
```

```
done
```

```
else
```

```
echo "Directory $dir does not exist."
```

```
fi
```