2.

3

4

```
p1 git:(master) % find _ -name "*.html" -type f -print0 | xargs -0 -I {} zip all.zip {} -r -j
updating: h1.html (stored 0%)
updating: h3.html (stored 0%)
updating: c a rzy.html (stored 0%)
updating: h2.html (stored 0%)
p1 git:(master) %
```

- -print0 on find: print on on line.
- -type f on file: gets all files From the current directory down, -type d: would be all directories only.
- -0 on xargs: passes that list to your program using a null delimiter instead of the default space delimiter in order to handle file names with spaces., take care of space in between file names.
- -j on zip: don't want file structure in my zip file
- -I Replace occurrences of replace-str in the initial-arguments with names read from standard input. Also, unquoted blanks do not terminate input items; instead the separator is the newline character.

```
#for MacOS

find html_root -name "*.html" -print0 | xargs -0 tar vcf html.zip

#for Linux

find . -type f -name "*.html" | xargs -d '\n' tar -cvzf html.zip
```

5. (进阶)编写一个命令或脚本递归的查找文件夹中最近使用的文件。更通用的做法, 用时间列出文件吗? find . -type f -print0 | xargs -0 ls -lt | head -1

当文件数量较多时,上面的解答会得出错误结果,解决办法是增加-mmin 条件,先将最近修改的文件进行初步筛选再交给ls进行排序显示 find . -type f -mmin -60 -print0 | xargs -0 ls -lt | head -10