

```
#!/usr/bin/php -q
<?
#           Name           Arg
$algos =array("Shannon Fannon" => "sf",
5           "Huffman" => "h",
           "LZW" => "lw",
           "L77" => "77",
#           "Arimetric" => "ar"
           );
10
$files = array("alice29.txt",
               "asyoulik.txt",
               "cp.html",
               "fields.c",
15               "grammar.lsp",
               "kennedy.xls",
               "lcet10.txt",
               "plrabn12.txt",
               "ptt5",
20               "Slashdot.html",
               "sum",
               "tlotr.txt",
               "xargs.1");

25 function parseResult($result){
#   Parse result and return a time/size-array
    preg_match("/: ([0-9\.]*) sec/m",$result,$time);
    $time = $time[1];                                # get time
    preg_match("/\s*([0-9\.]*)%/",$result,$size);
30    $size = $size[1];                                # get size
    return(array("time" => $time, "size" => $size));
}

# run loop
35 print("Run,Filename,Algorithm,Time,Size\n");        # Print result-header
for($i=1; $i <= 10; $i++){                            # Run sequence 10 times
    while(list($key,$filename) = each($files)){        # Traverse files-array
        while(list($name,$arg) = each($algos)){        # Traverse algos-array
            $result = `./zar c -y -t $filename -$arg`; # Run zar and save output
40            $presult = parseResult($result);          # Parse
            print("$i,$filename,$name,$presult[time],$presult[size]\n"); # print
        }
        reset($algos);
    }
45    reset($files);
}
# done
?>
```