Task 1.2: Discuss, in at most 300 words, why script programming is particularly suited for this problem, and describe two possible extensions of your script and how they could be implemented.

Script programming is really very suited for this problem. I think the most important reason for choosing it is its [just right], for this restoring the original file endings task, if we use high-level languages such as java, c #, it seems just a small trial and overkill, whereas the shell script seems very clumsy and difficult to get a higher efficiency. This time script programming is just appropriate for this task because it is a special language between shell and programming languages. Although it is closer to the latter, it does not have the complex and strict syntax and rules of programming language, and it is also excellent for automating complex tasks. Moreover, the main purpose of Perl's design is indeed to extract information from text, and in this task, we need to extract the type information from the first line of the image file and rename it. In this way, Perl, which has characteristic of shell and the advance of script programming, which is a really good scripting language for us to complete this task.

This script can expand the following function while restoring the original file endings:

1. By using the LWP :: Simple module to download image files, we can easily download a large number of image files, and these images can be used to improve the efficiently of testing.

2. By using the Image :: EXIF module to read the Exif information of image file, we can read its attribute information and shooting data if this is a digital camera photo.